

Figure 1

FIG. 2 is a block diagram of a VTRADE Enterprise system architecture.

206

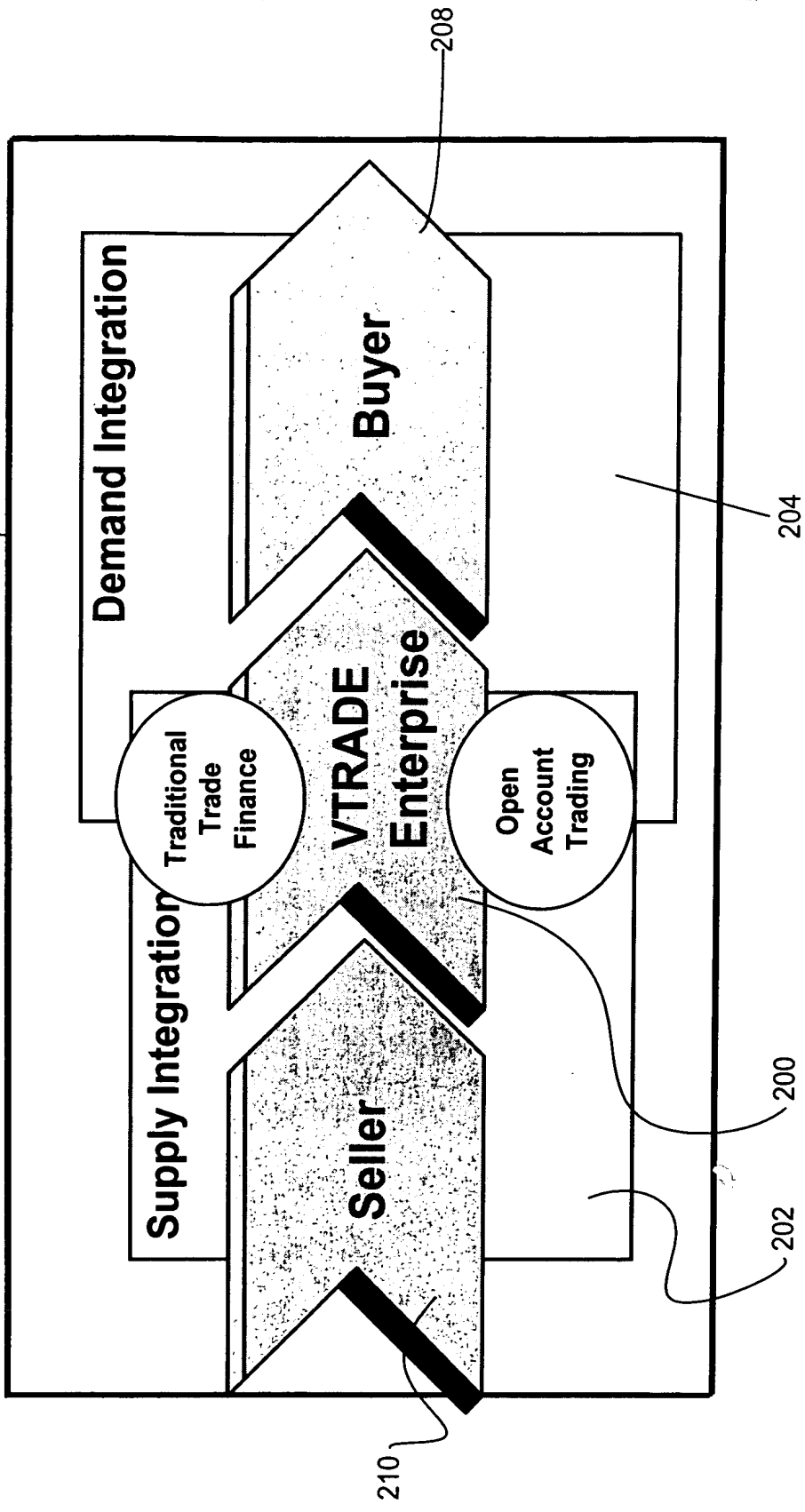


Figure 2

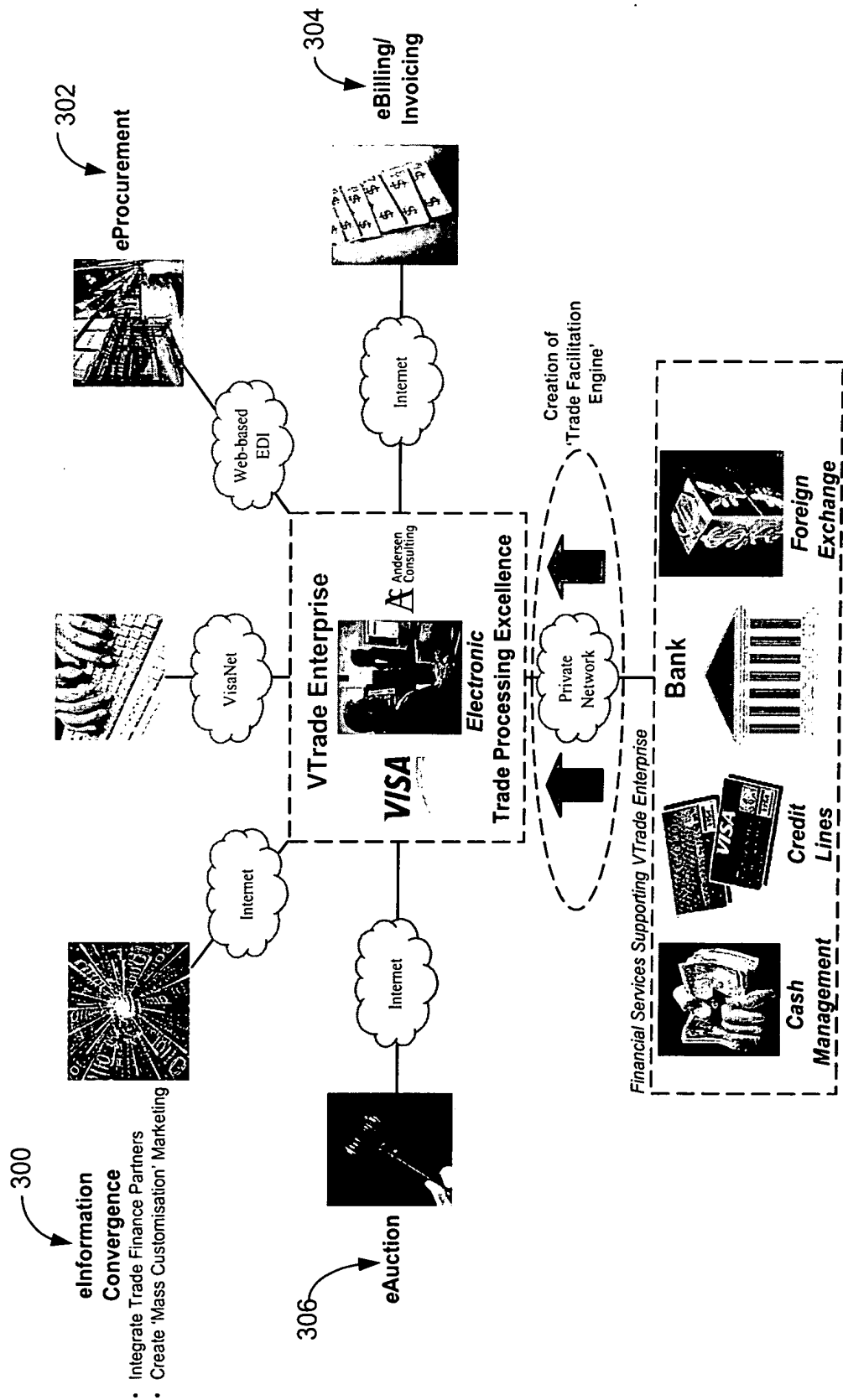


Figure 3

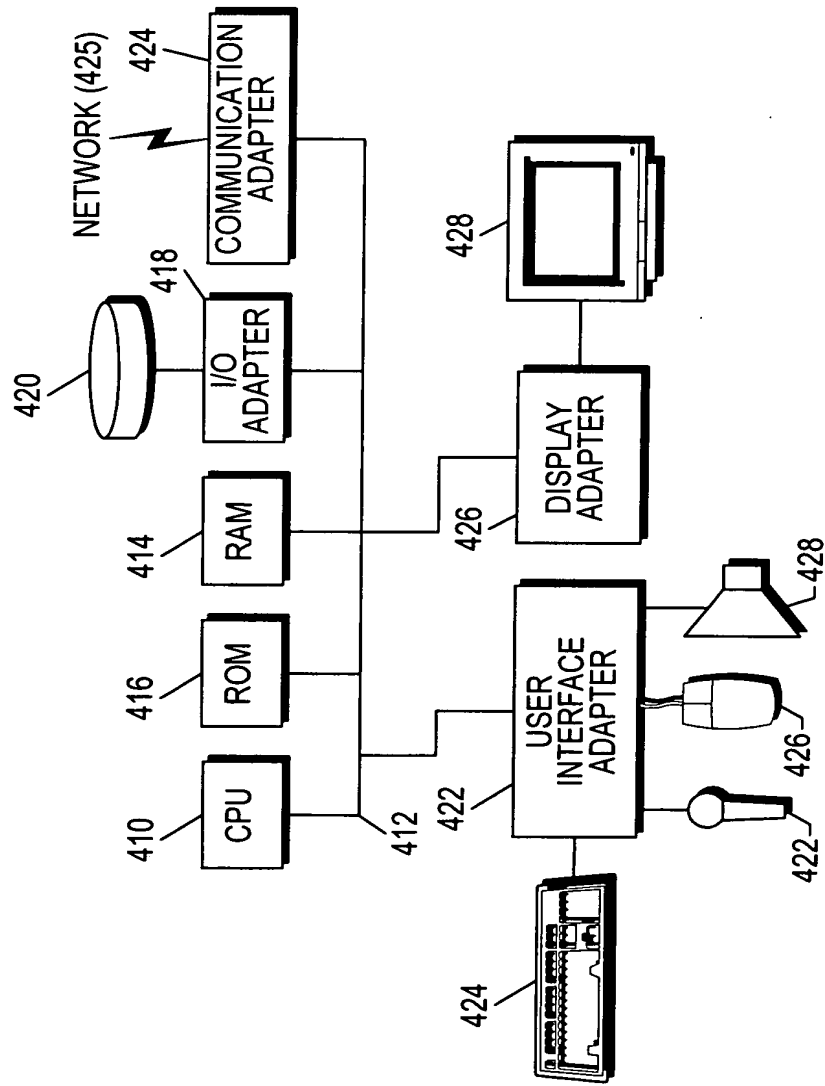


Figure 4

500

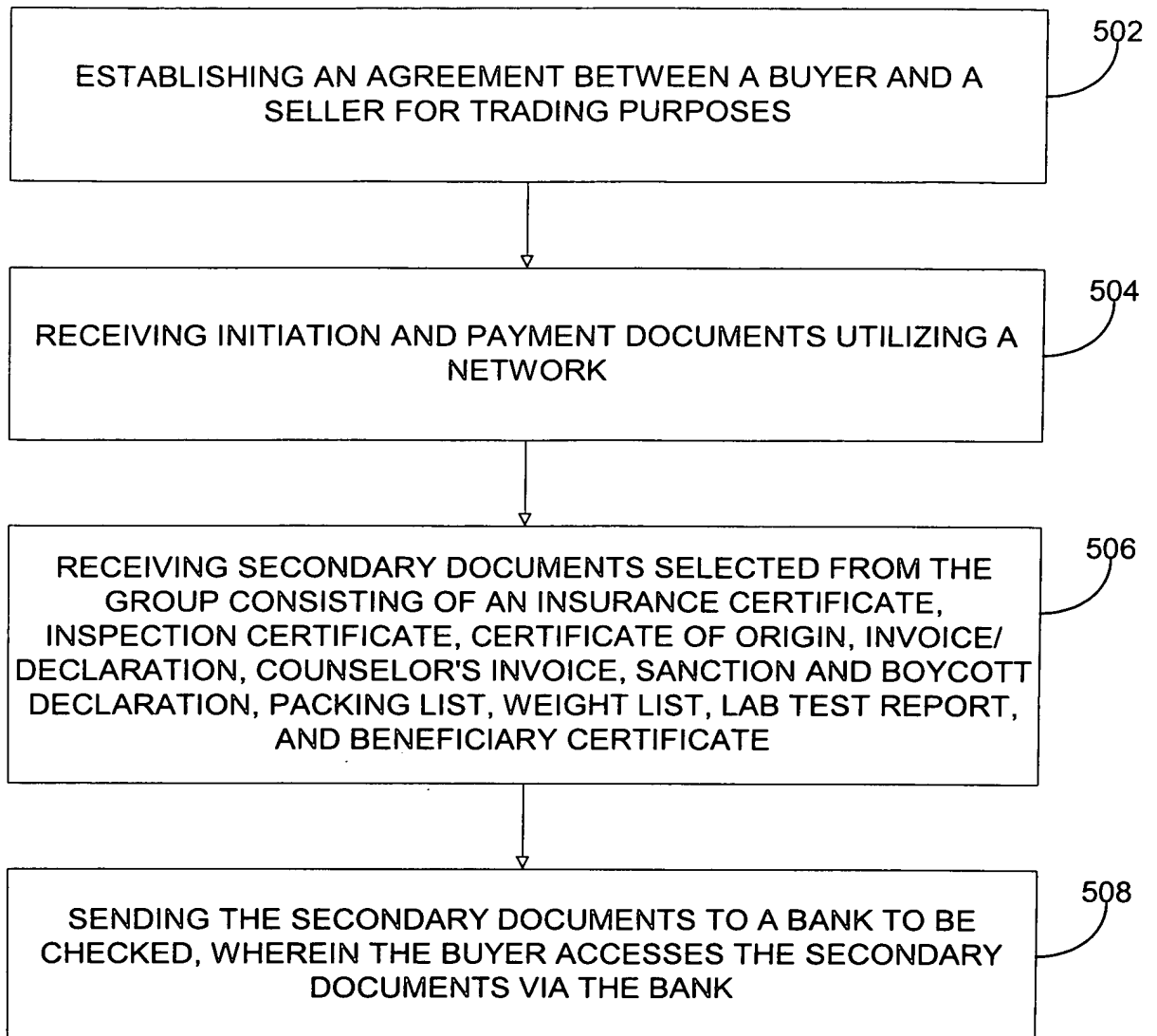


Figure 5

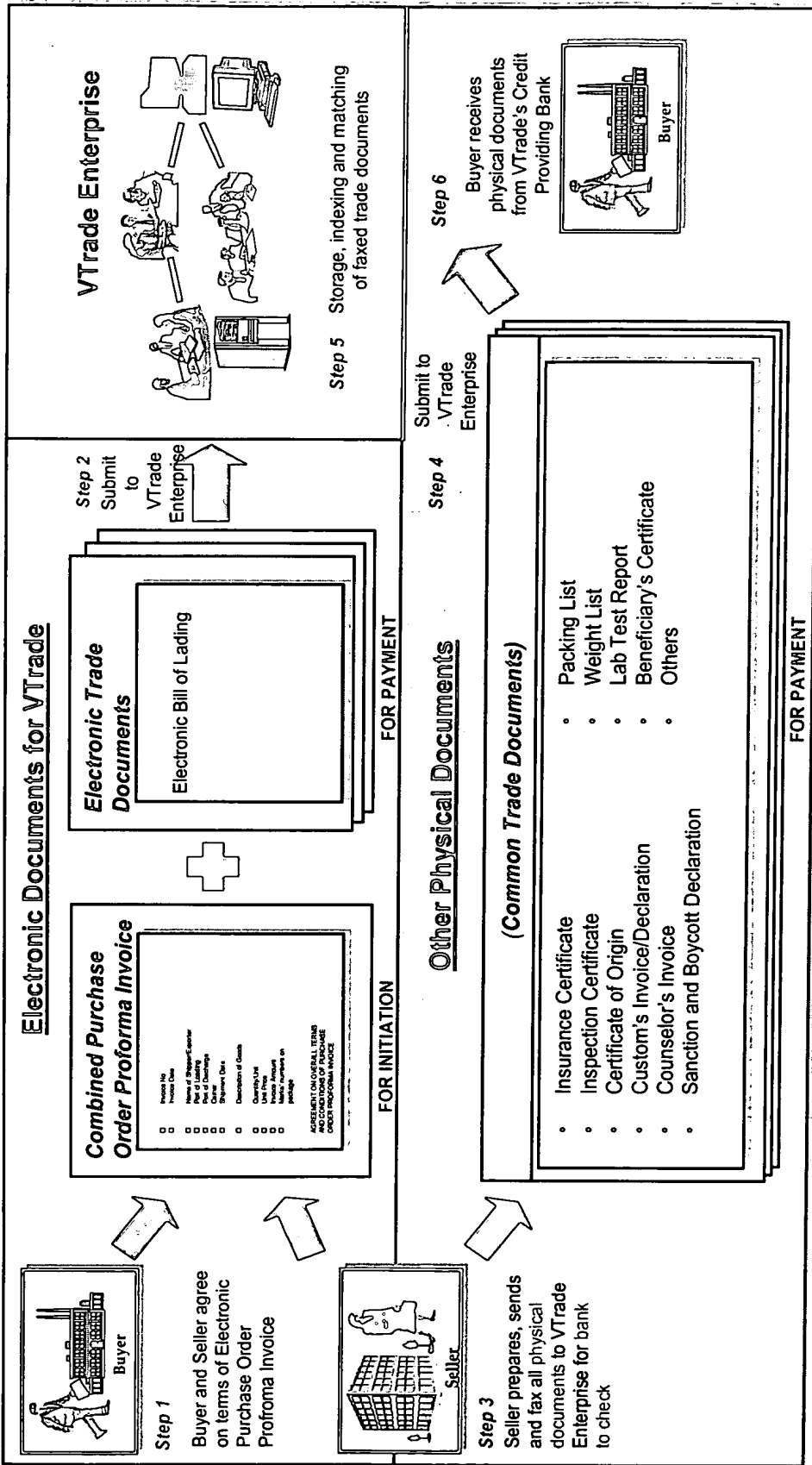


Figure 6

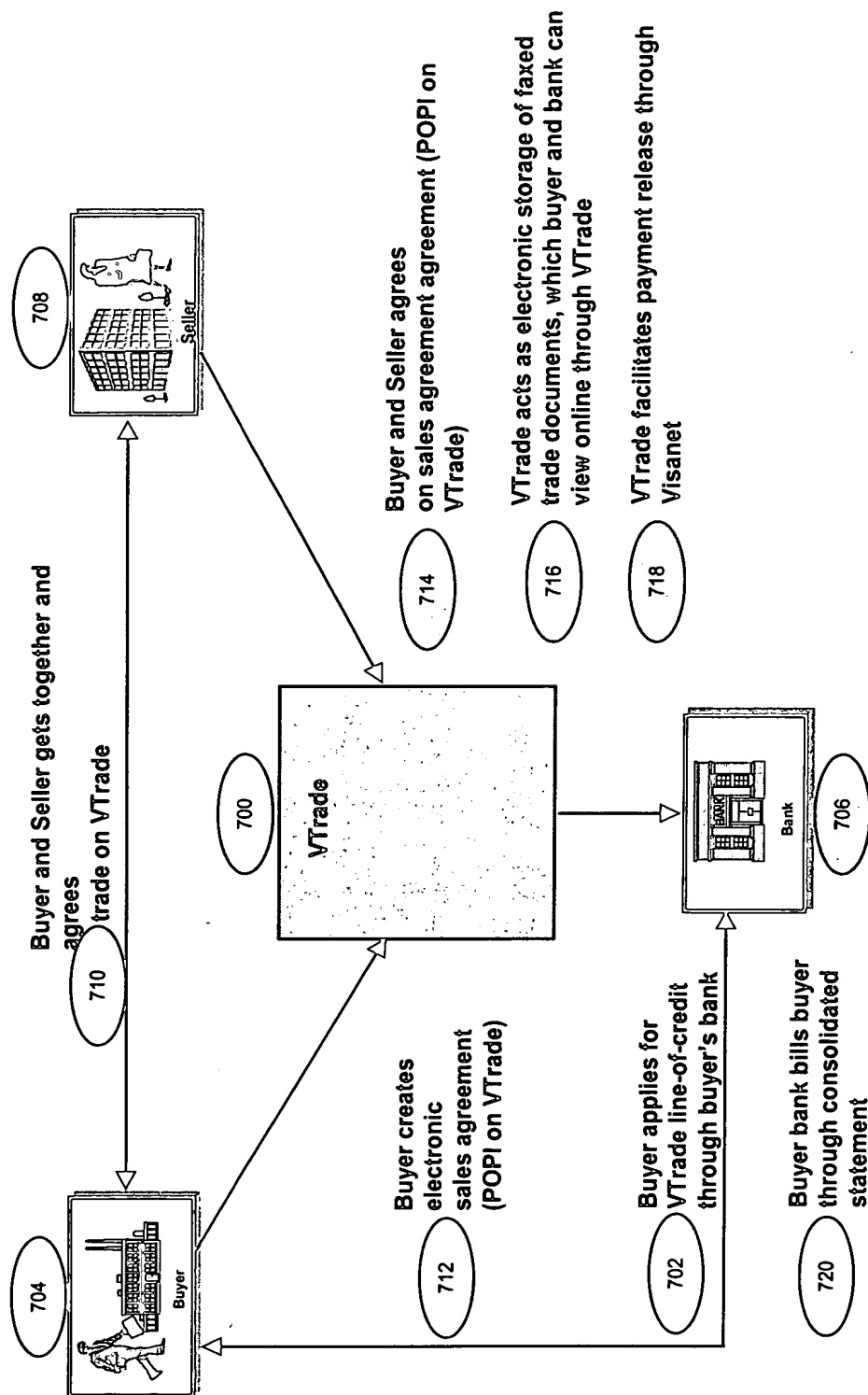


Figure 7

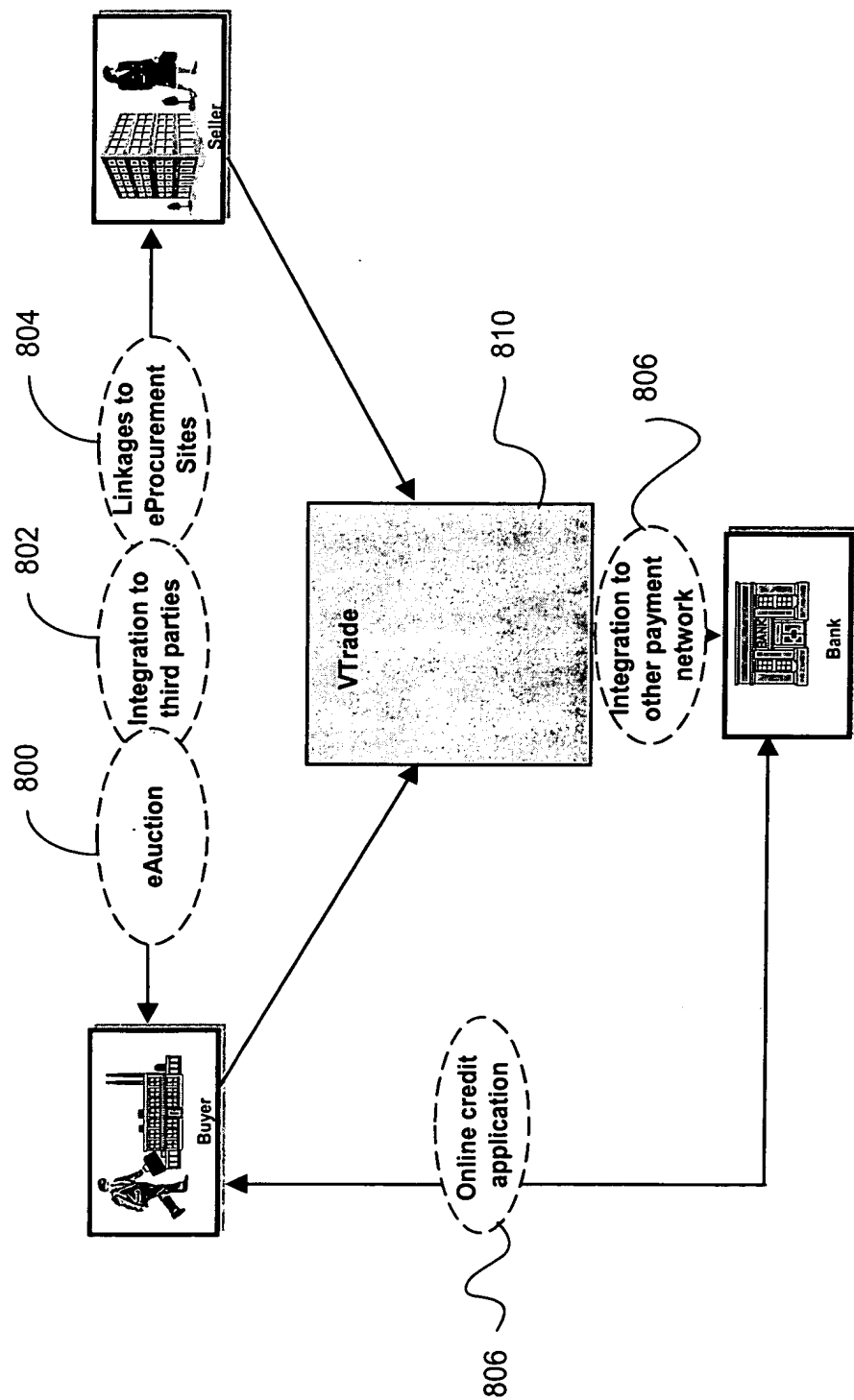


Figure 8

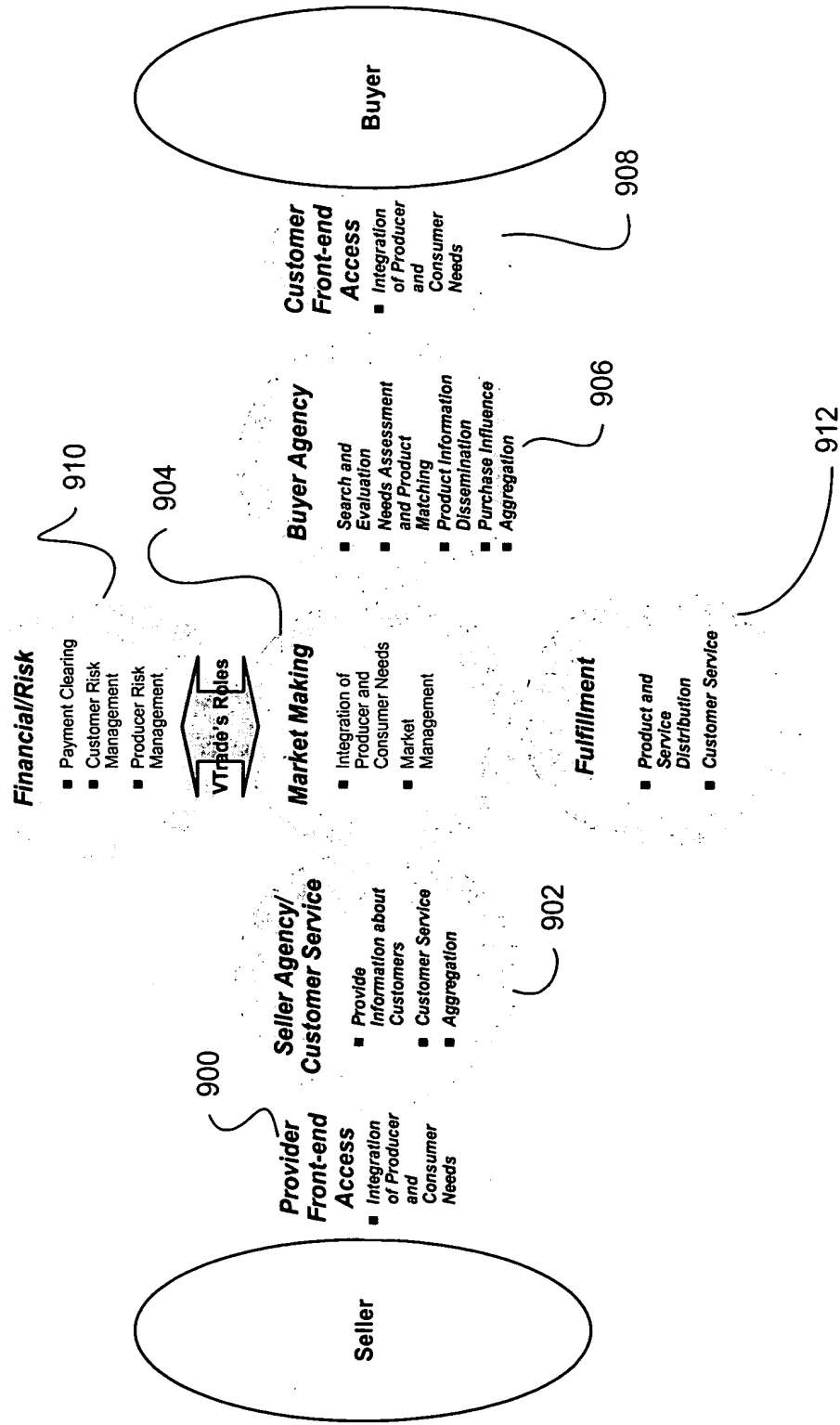


Figure 9

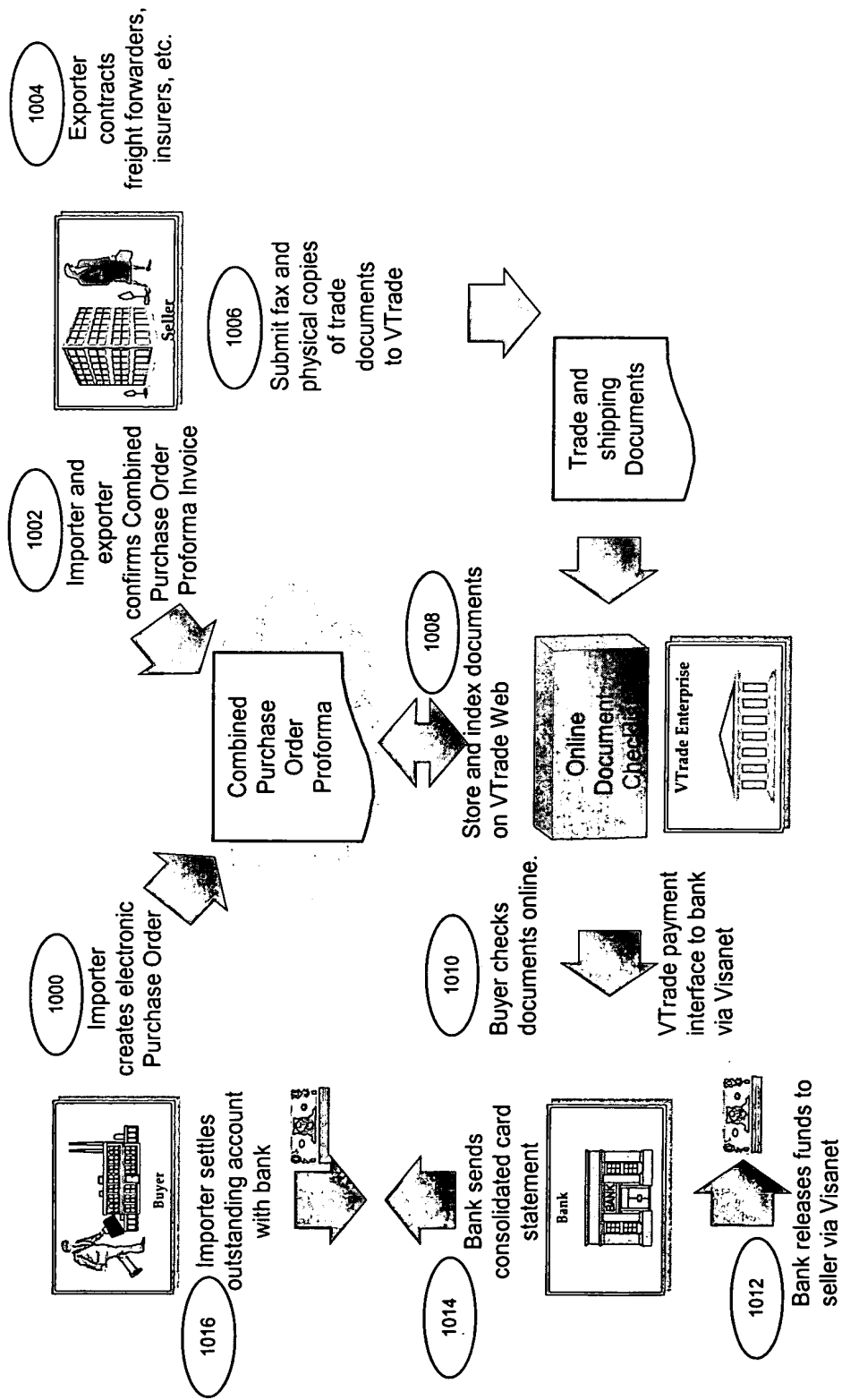


Figure 10

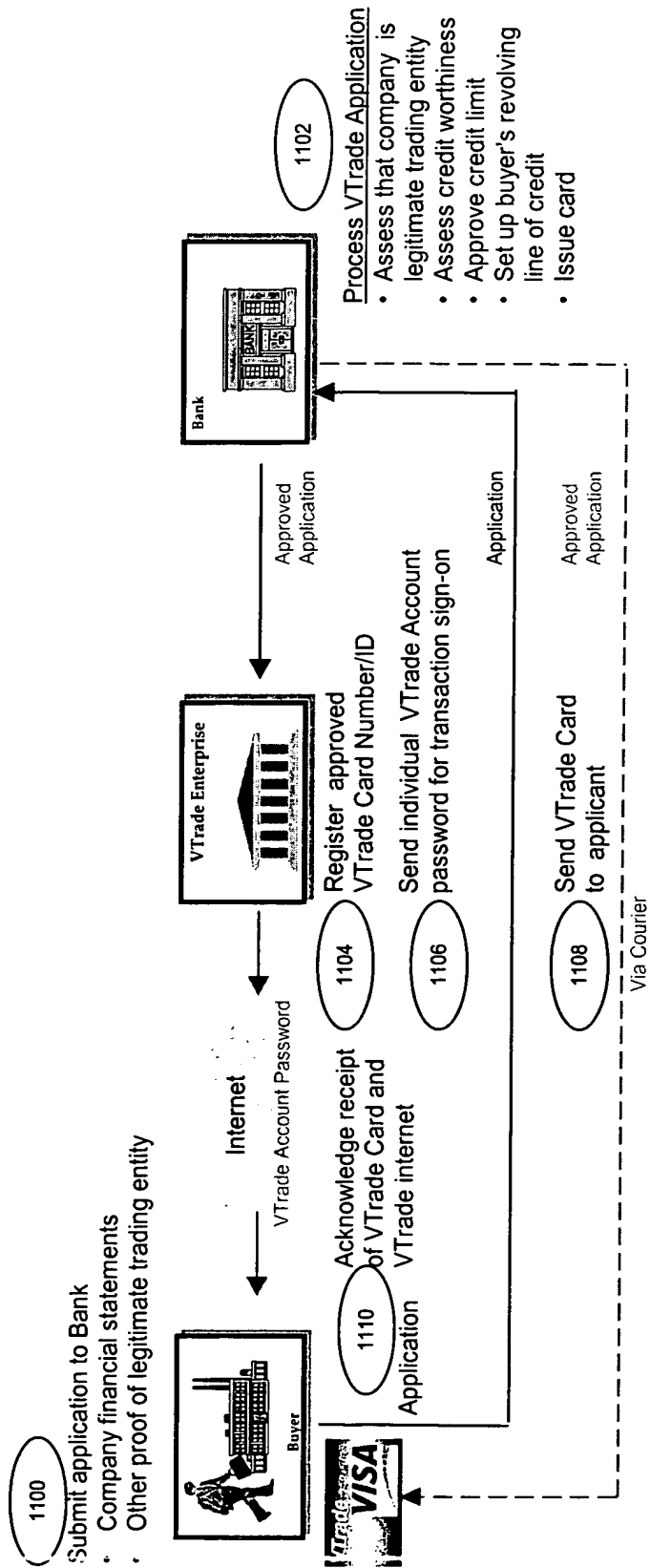


Figure 11

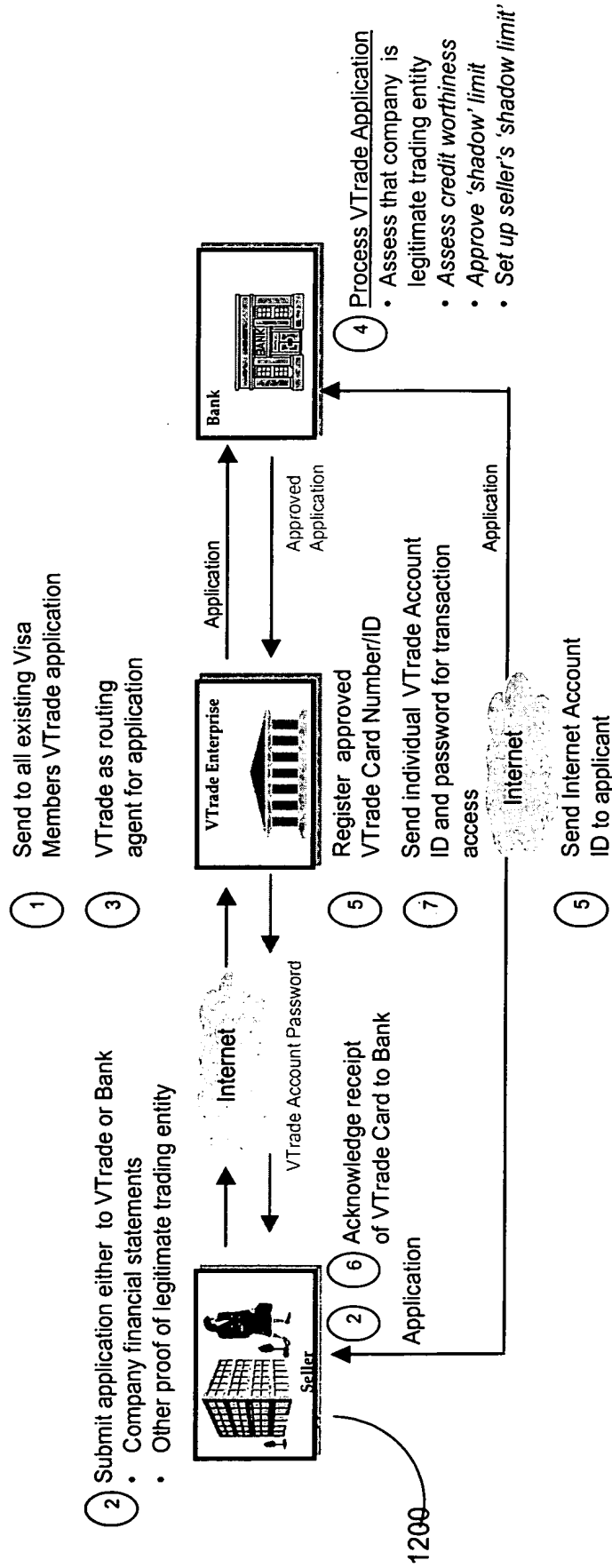


Figure 12

1300

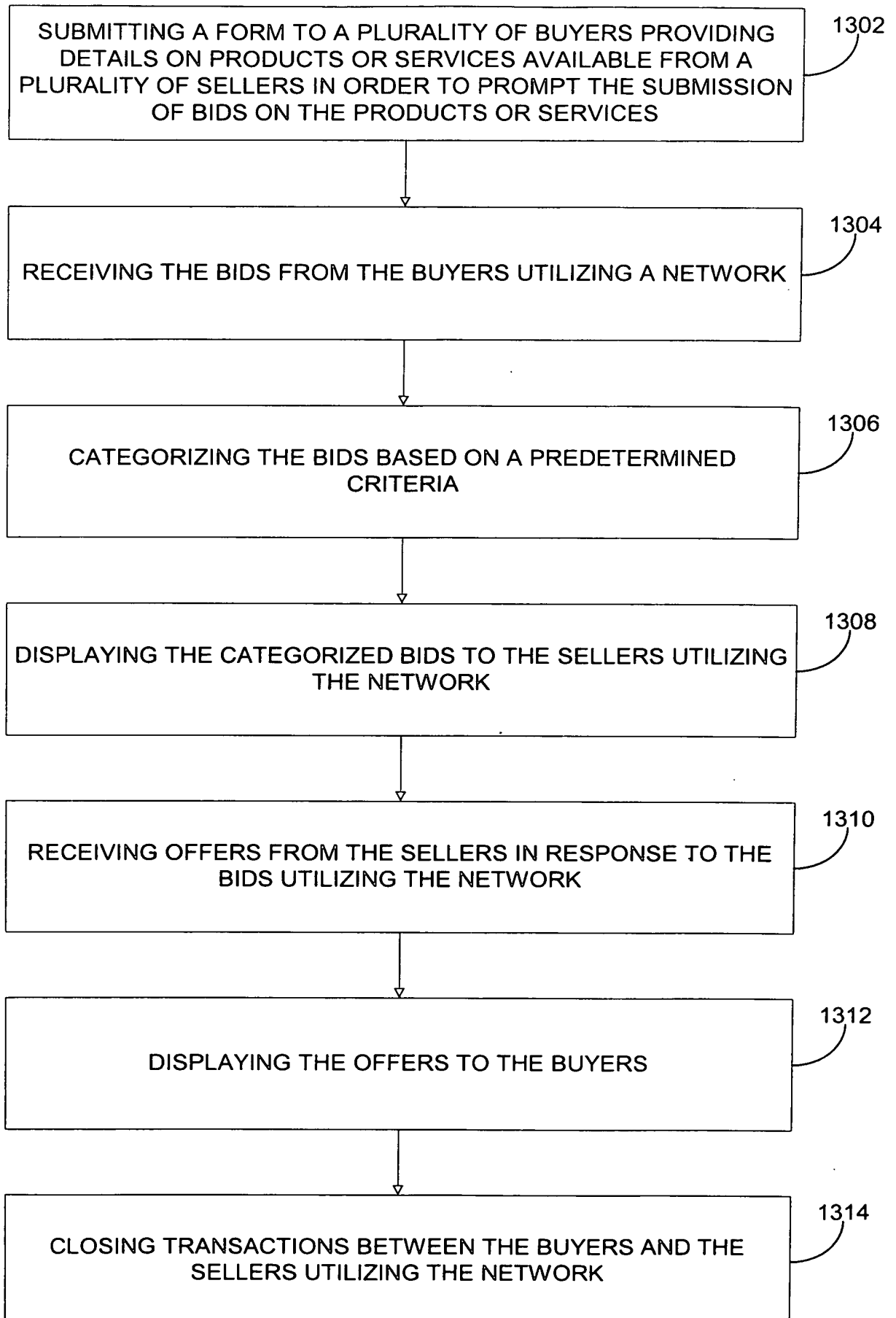


Figure 13

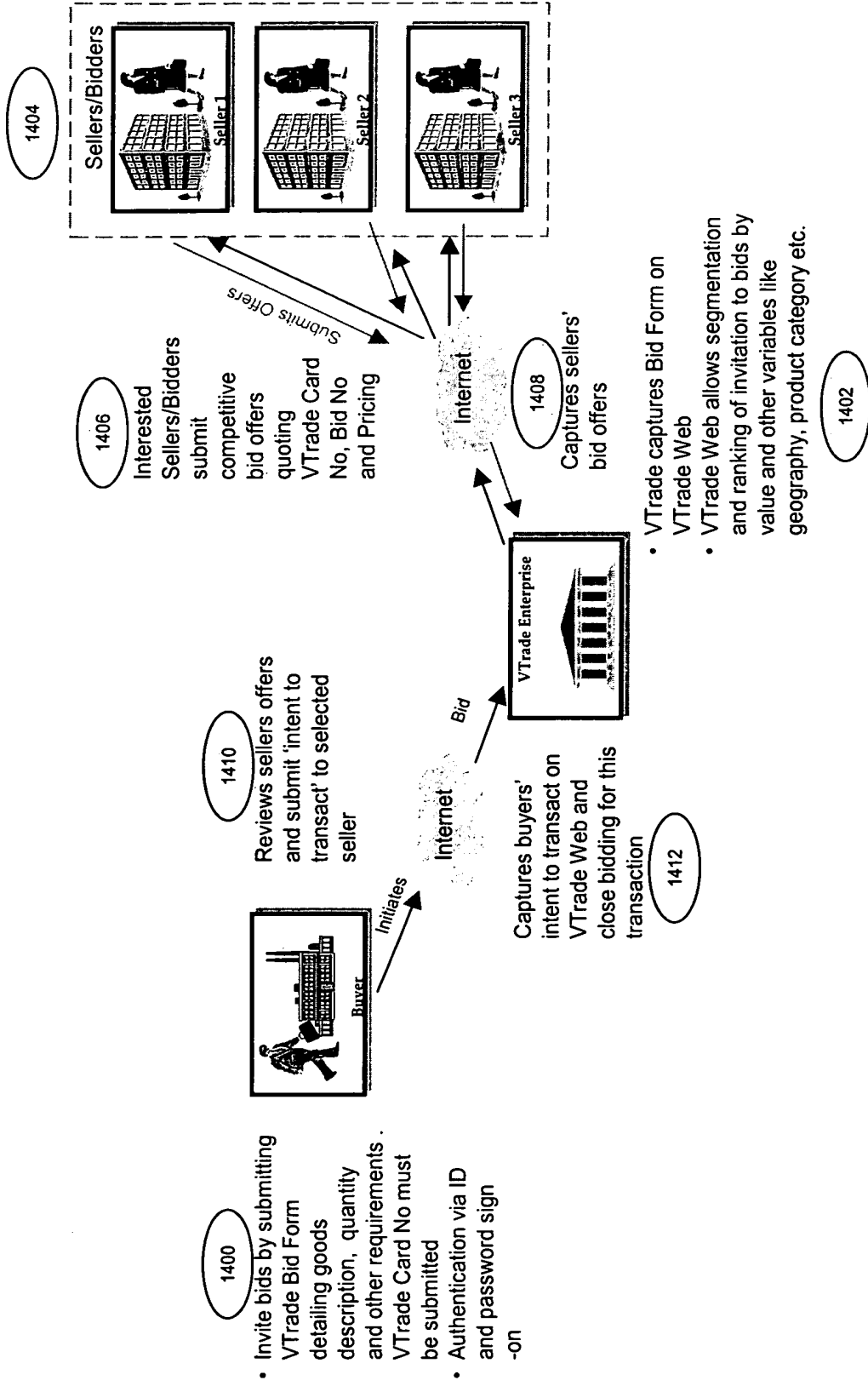


Figure 14

1500

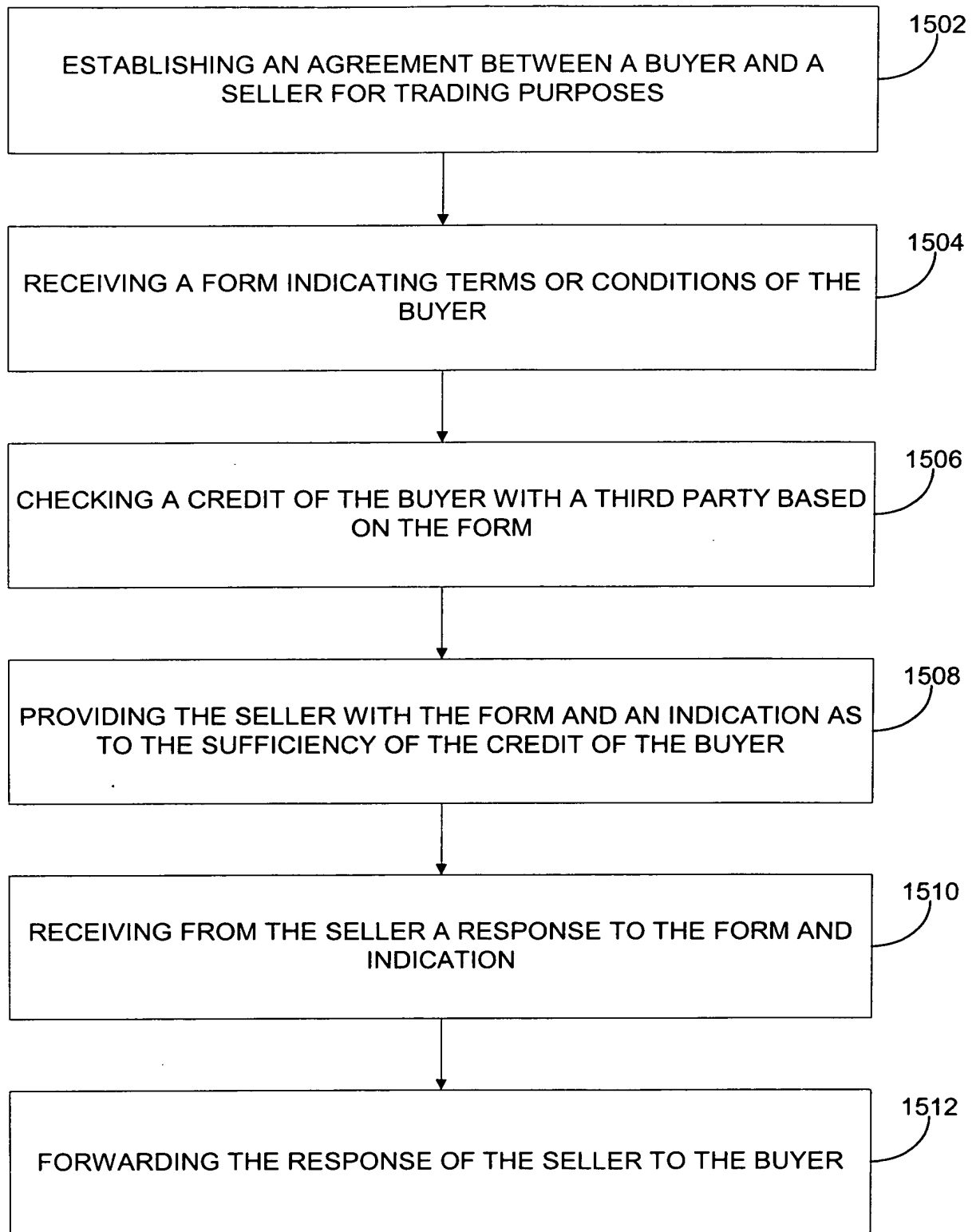


Figure 15

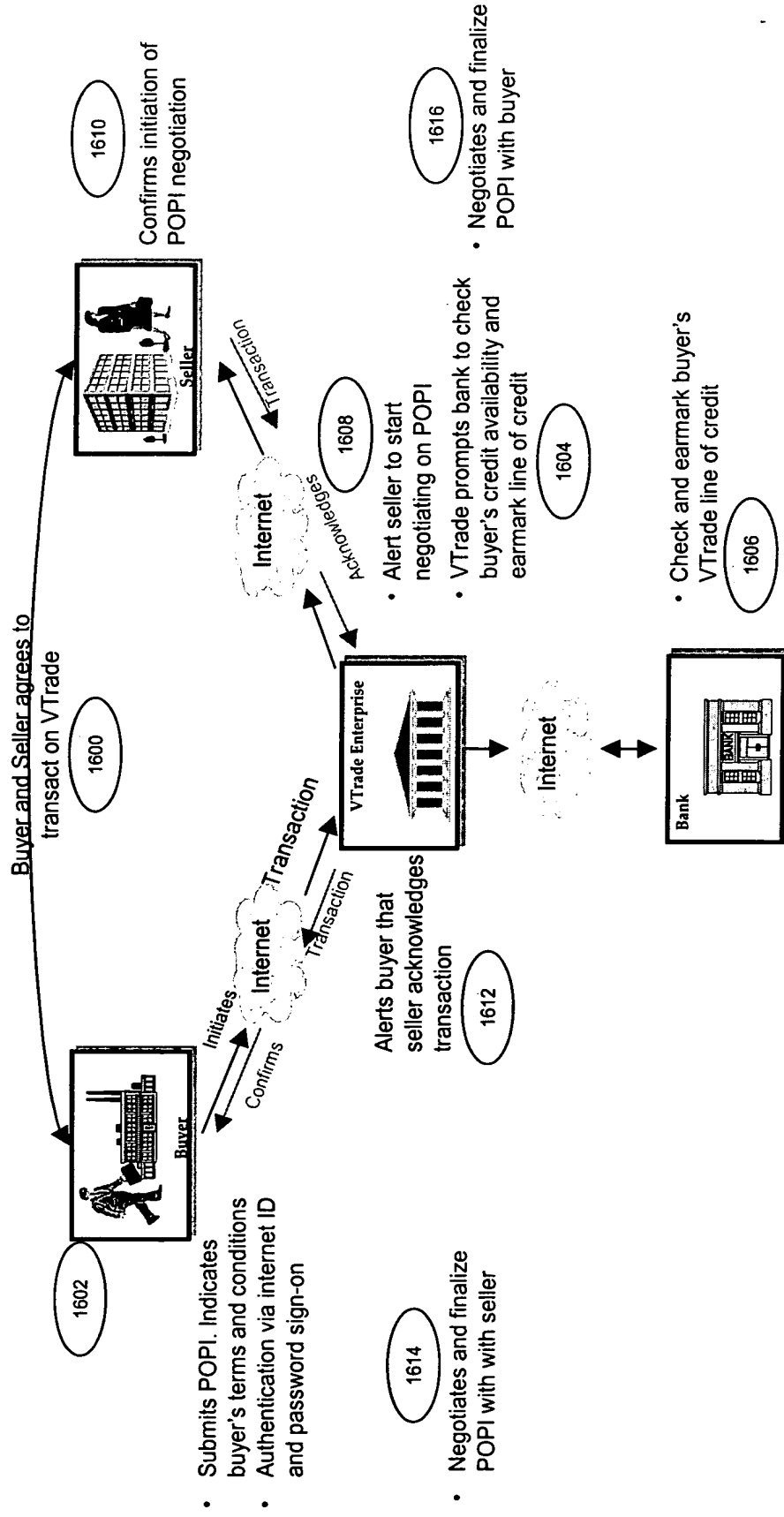


Figure 16

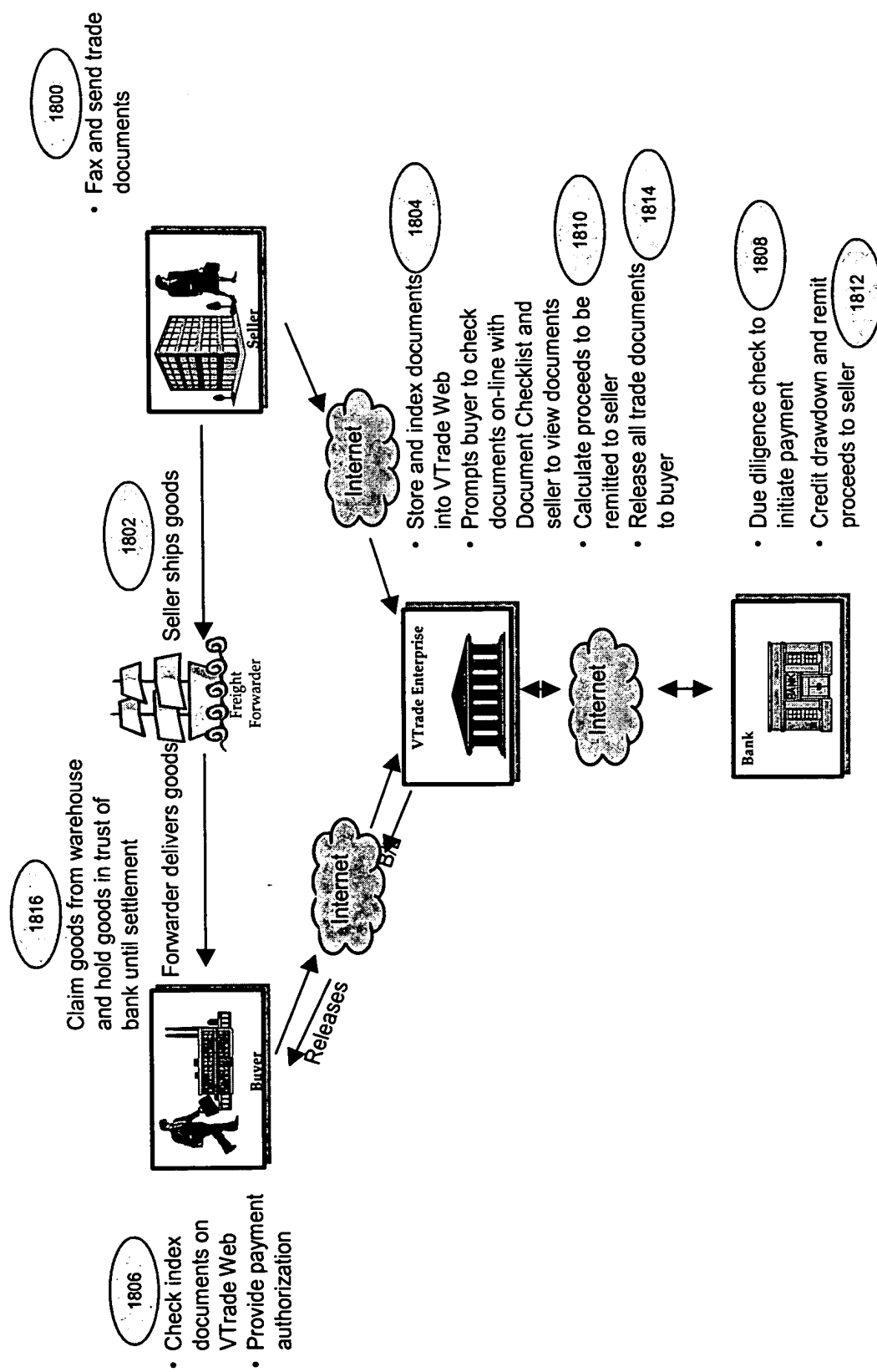


Figure 18

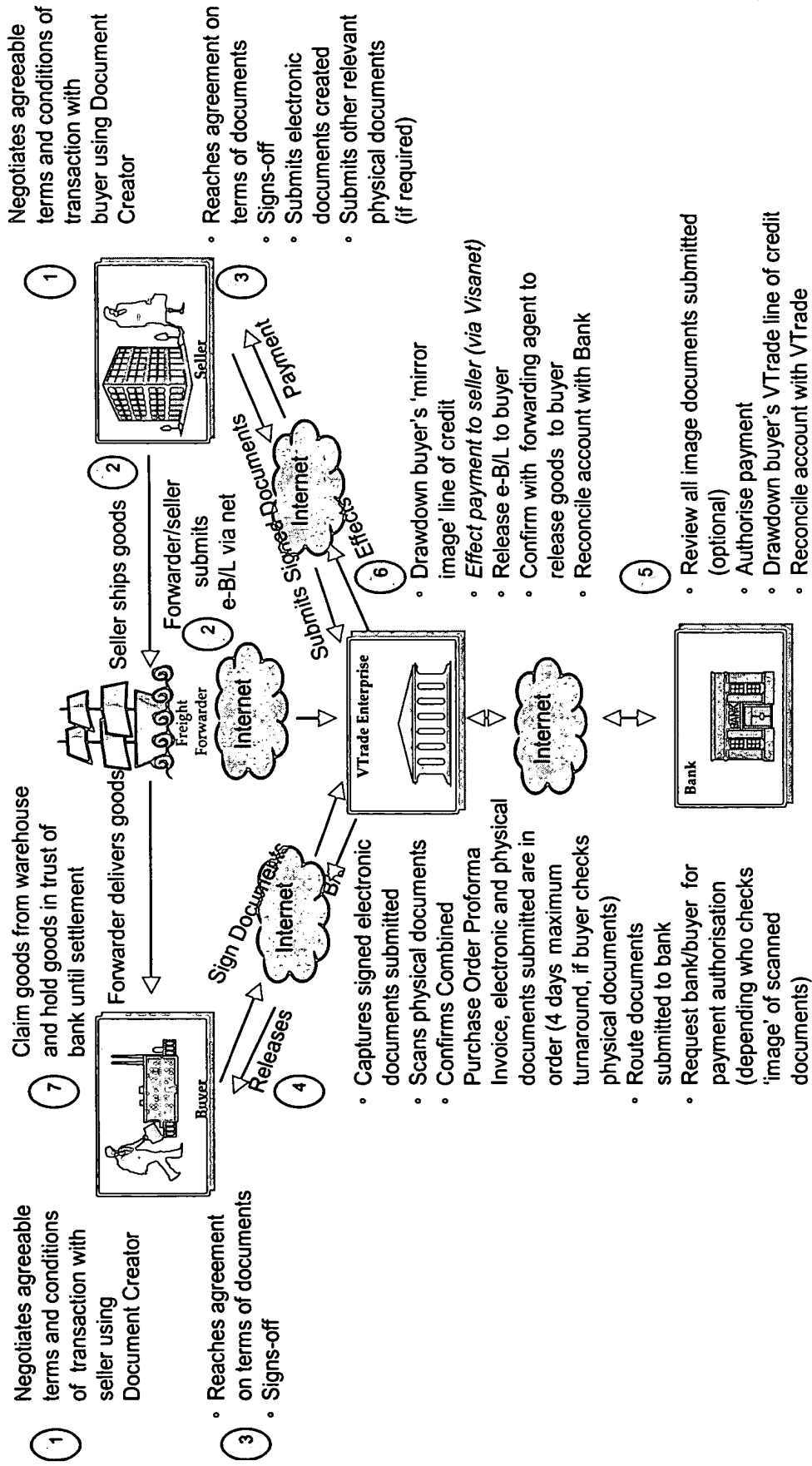


Figure 19

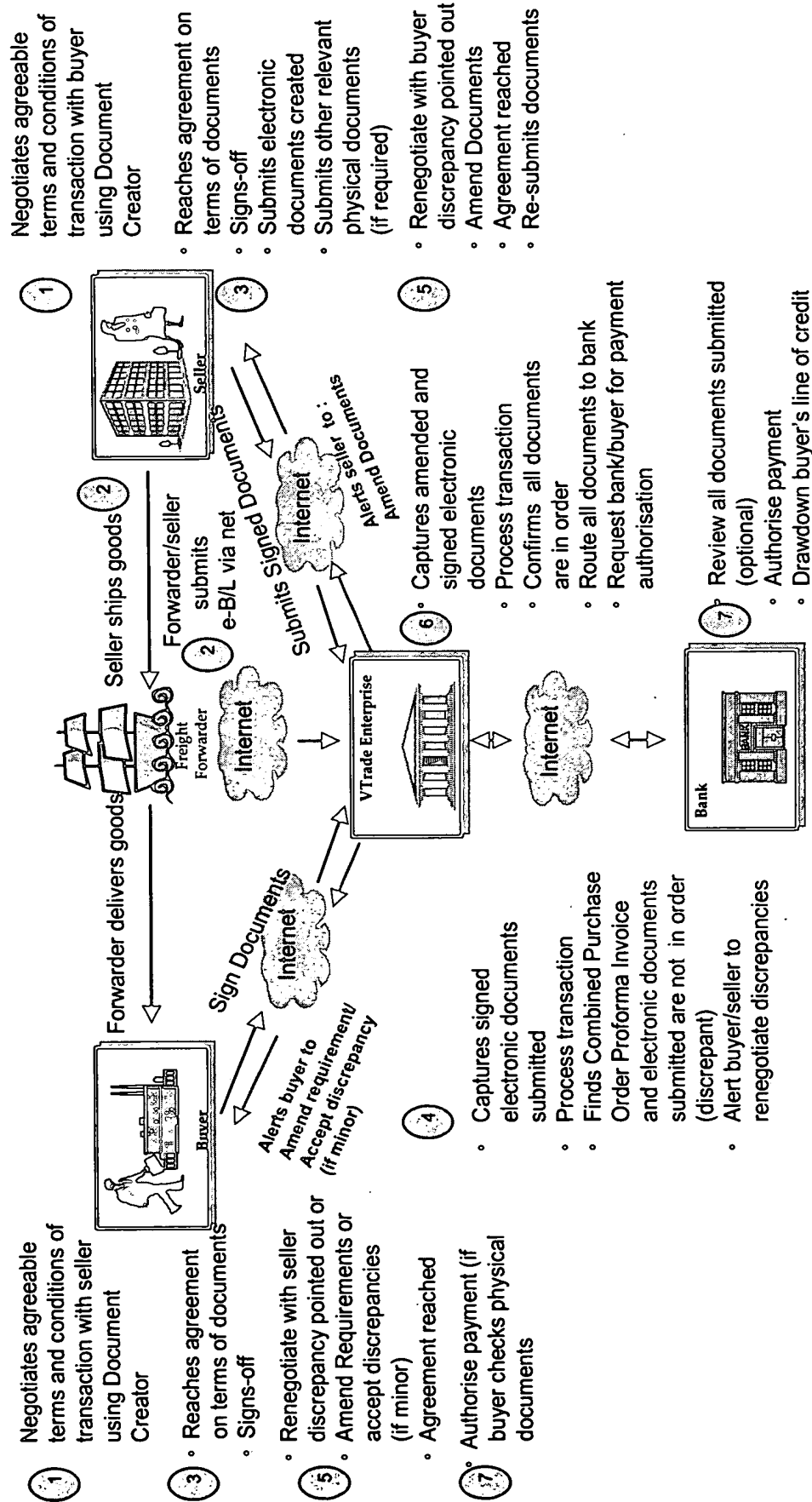


Figure 20

Buyer given XX Days 'free period' to settle

- 2) Buyer can opt to :
- 1) Settle minimum balance
 - 2) Partial settle
 - 3) Settle full balance
 - 4) Apply for conventional import loan on payment due date

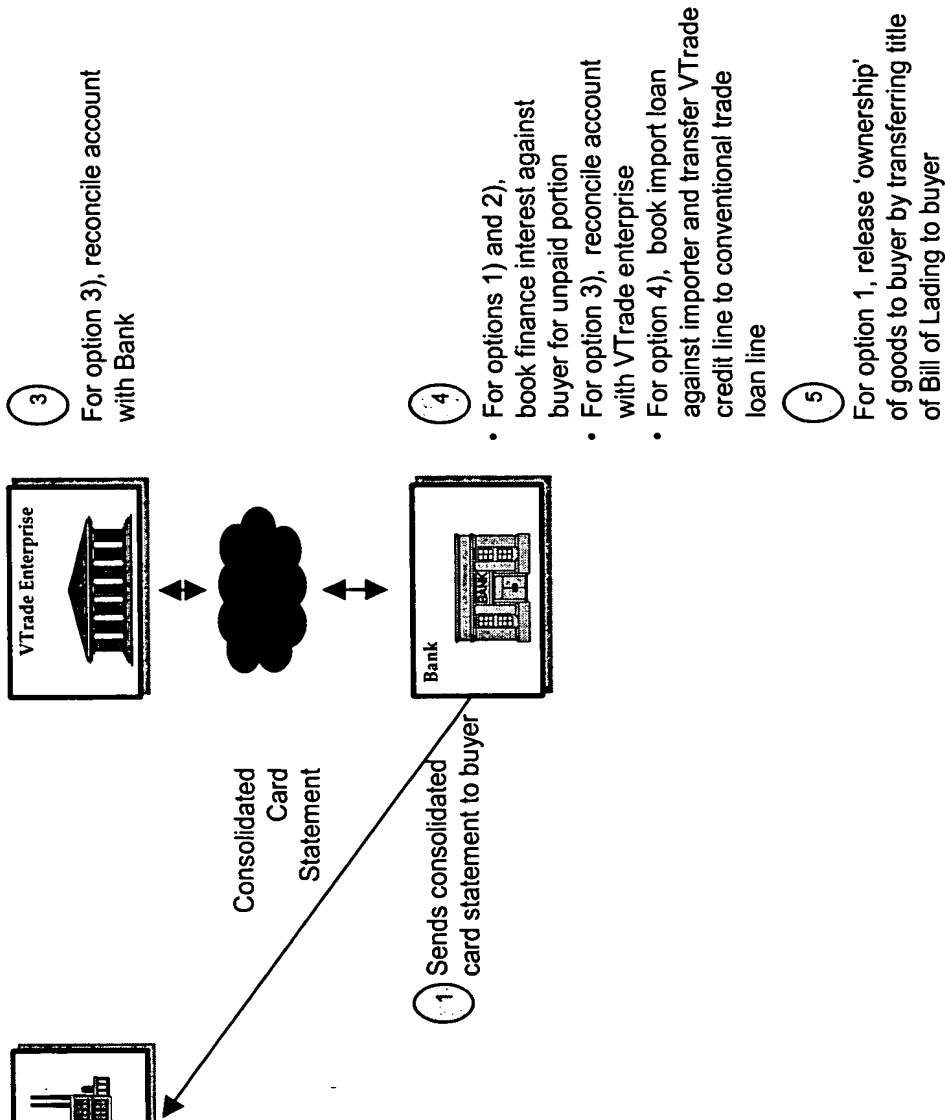


Figure 21

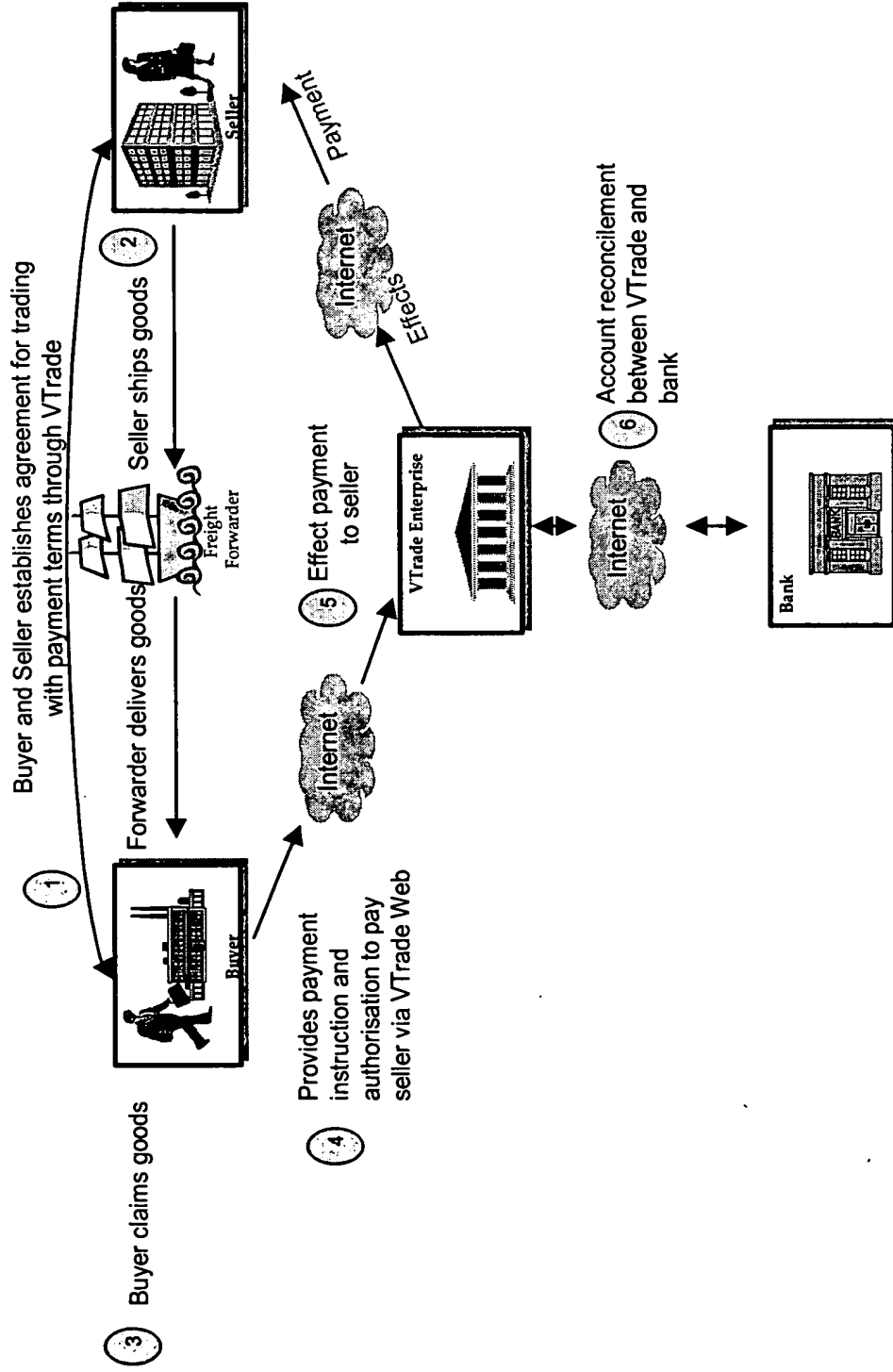


Figure 22

2300

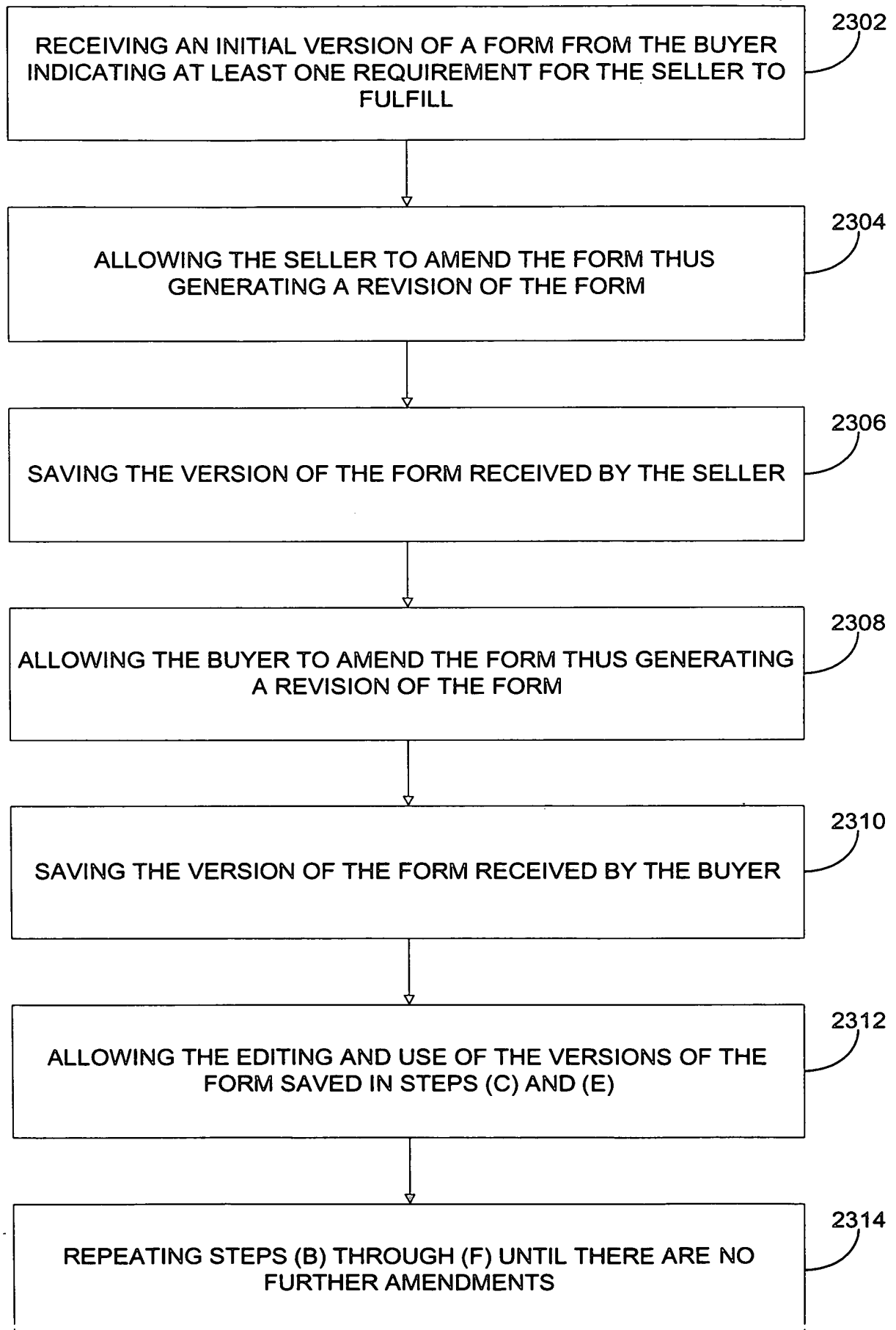


Figure 23

2400

VTrade Purchase Order Proforma Invoice (POPI)

Transaction Reference & Date : _____
 VTrade Account No : _____
 Buyer & Buyer's Business e-Mail : _____
 Visa Online Seller No : _____
 Seller & Seller's Business e-Mail : _____

Buyer and Seller is to agree and sign-off on electronic Purchase Order Proforma Invoice(POPI) before submission to VTrade Enterprise. The agreed POPI becomes part of Buyer and Seller's binding Sales and Purchase Agreement

Buyer's Requirements	Seller's Fulfillment If yes, tick on box. If no, indicate offer
<input type="checkbox"/> Expiry date of Purchase Order Commitment (30 days)	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Goods Description	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Quantity/Unit	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Unit Price	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Invoice Amount	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Terms of Payment (Sight Usance)	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Terms of insurance coverage (FOB/CIF)	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Name of Shipper/Exporter	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Port of Loading	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Port of Discharge	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Carrier	<input type="checkbox"/> If no, _____
<input type="checkbox"/> Latest Shipment Date	<input type="checkbox"/> If no, _____

Currency

Figure 24A

2400

VTrade Purchase Order
Proforma Invoice (POPI)

Transaction Reference & Date	:	:
VTrade Account No	:	:
Buyer & Buyer's Business e-Mail	:	:
Visa Online Seller No	:	:
Seller & Seller's Business e-Mail	:	:

Buyer and Seller is to agree and sign-off on electronic Purchase Order Proforma Invoice(POPI) before submission to VTrade Enterprise. The agreed POPI becomes part of Buyer and Seller's binding Sales and Purchase Agreement

	Buyer's Requirements	Seller's Fulfillment
<input type="checkbox"/> Documents required Commercial Invoice Inspection Certificate Packing List Insurance Certificate Certificate of Origin Counselor's Invoice Others (Please Indicate)	<div>In Progress Submit</div>	<div>In Progress Submit</div>
AGREEMENT ON OVERALL TERMS AND CONDITIONS OF PURCHASE ORDER PROFORMA INVOICE	<div>In Progress Submit</div>	<div>Final Submit</div>
	<div>Back</div>	<div>Forward</div>

Page 2 of 2

Figure 24B

VTrade Combined Purchase Order **Proforma Invoice**

Transaction Reference & Date : _____
 VTrade Account No : _____
 Buyer Name : _____
 Visa Online Merchant No : _____
 Merchant/Seller Name : _____

Buyer and Seller is to agree and sign-off on Combined Purchase Order Proforma Invoice before submission to VTrade Enterprise. This form also becomes part of Buyer and Seller's sales and purchase contract

	Buyer's Requirements	Seller's Fulfillment
<input type="checkbox"/> Expiry date of Purchase Order Commitment		
<input type="checkbox"/> Goods Description		
<input type="checkbox"/> Quantity/Unit		
<input type="checkbox"/> Unit Price		
<input type="checkbox"/> Invoice Amount		
<input type="checkbox"/> Terms of Payment		
<input type="checkbox"/> Terms of insurance coverage (FOB/CIF)		
<input type="checkbox"/> Name of Shipper/Exporter		
<input type="checkbox"/> Port of Loading		
<input type="checkbox"/> Port of Discharge		
<input type="checkbox"/> Carrier		
<input type="checkbox"/> Shipment Date		
<input type="checkbox"/> Documents required Inspection Certificate etc.		
AGREEMENT ON OVERALL TERMS AND CONDITIONS OF PURCHASE ORDER PROFORMA INVOICE		

Figure 25

2600

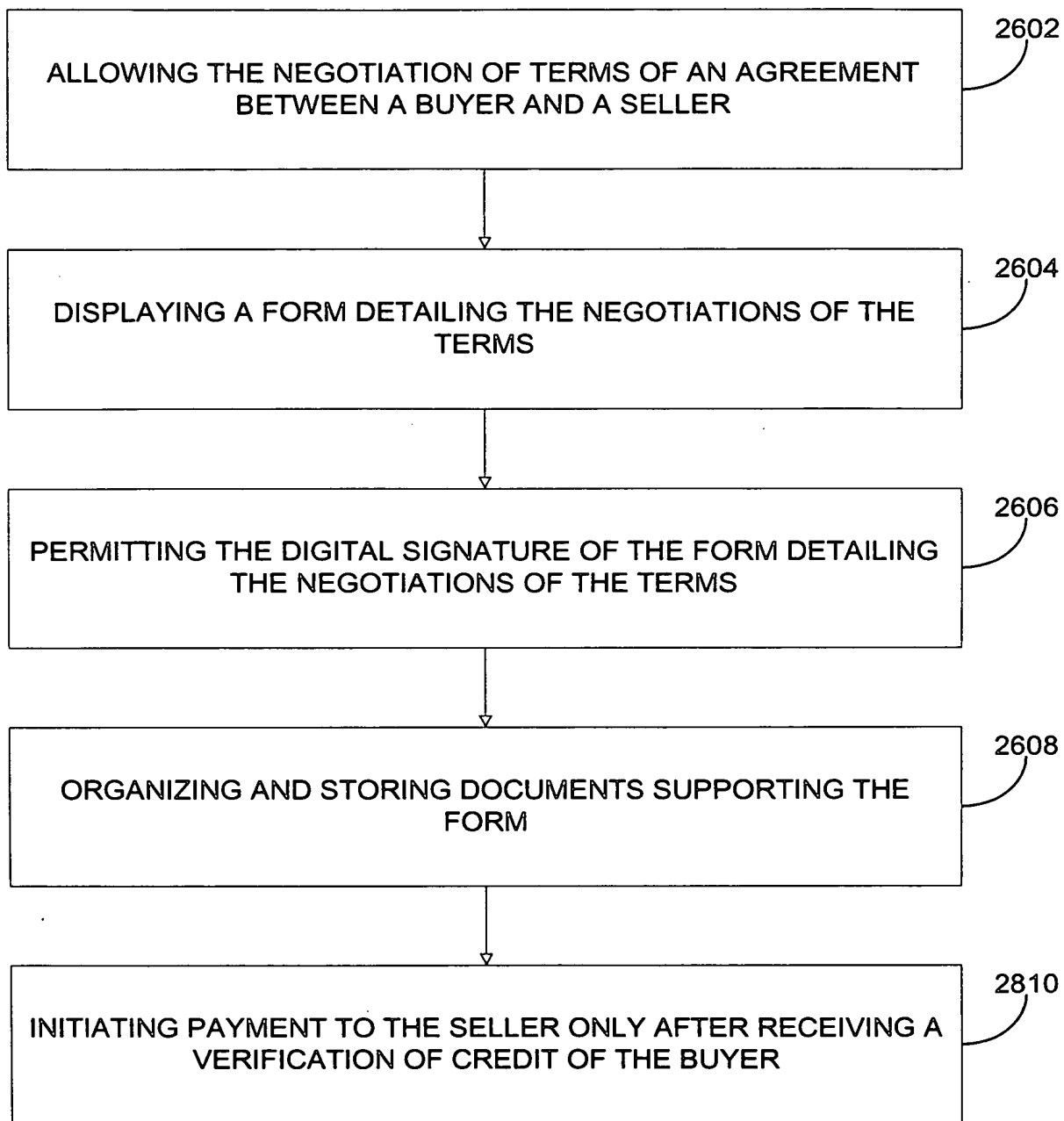


Figure 26

VTrade Electronic Document Checklist (Main Menu Page)

Transaction Reference & Date : _____
 VTrade Account No : _____
 Buyer Name : _____
 Visa Online Merchant No : _____
 Merchant/Seller Name : _____

Buyer and Seller is to agree on terms of each documents, sign-off next to related documents, and sign-off on Overall Terms of Document Creator before submitting to VTrade Enterprise for processing

Pressing on document icon will bring user to stored document page

VTrade Electronic Submissions

- ☐ Bill of Lading/Airwaybill/Truck BL
- ☐ Commercial Invoice
- ☐ Insurance Note/Certificate
- ☐ Packing/Weight List
- ☐ Others (Please Specify) _____

**Buyer's
Signature**

**Seller's
Signature**

0

0

0

0

0

0

0

0

Vtrade Hardcopy Submissions

- ☐ Commercial Invoice
- ☐ Certificate of Origin
- ☐ Custom's Declaration
- ☐ Counselor's Invoice
- ☐ Sanctions/Boycott Declarations
- ☐ Insurance Certificate
- ☐ Packing/Weight List
- ☐ Inspection Certificate
- ☐ Lab Test Report
- ☐ Beneficiary's Certificate
- ☐ Others (Please Specify) _____

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

AGREEMENT ON OVERALL TERMS
AND CONDITIONS OF DOCUMENT CREATOR

0

0

Figure 27

2800

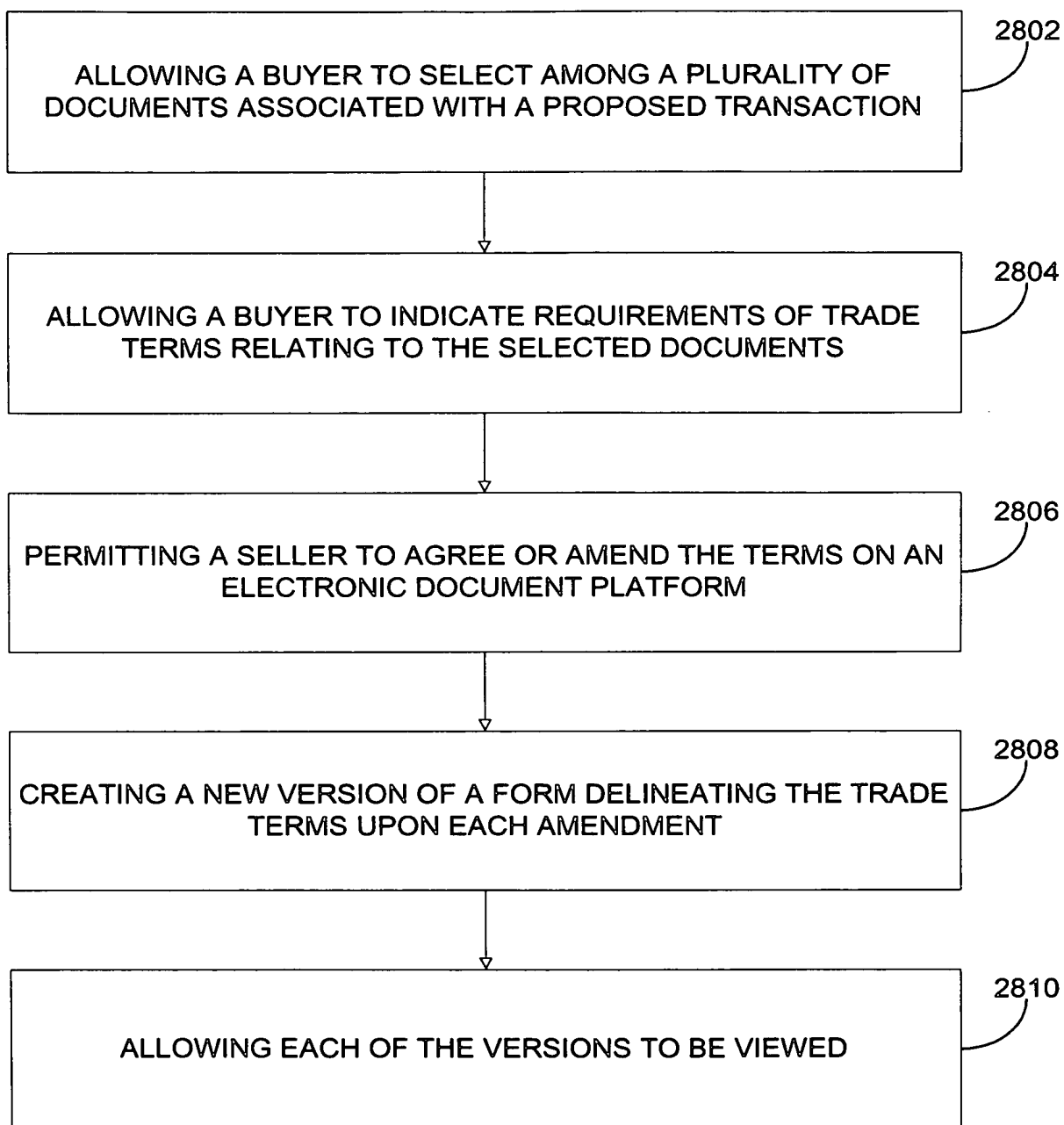


Figure 28

VTrade Electronic Document Creator

(Document Page)

Transaction Reference & Date : _____
 VTrade Card/Account No : _____
 Buyer Name : _____
 Visa Online Merchant No : _____
 Seller Name : _____
 Document Type : Bill Of Lading

**Importer and Exporter is to negotiate and agree on terms of documents before signing
-off on respective documents on Document Creator Main Menu**

	Buyer's Requirements	Seller's Fulfillment
<input type="checkbox"/> Name of Shipper		
<input type="checkbox"/> Consigned to		
<input type="checkbox"/> Name of Vessel		
<input type="checkbox"/> Port of Loading		
<input type="checkbox"/> Port of Discharge		
<input type="checkbox"/> Place of Delivery		
<input type="checkbox"/> On Board Date		
<input type="checkbox"/> Clean On Board		
<input type="checkbox"/> Shipping Marks		
<input type="checkbox"/> No. of Packages		
<input type="checkbox"/> Description of Goods		
<input type="checkbox"/> Gross Weight		
<input type="checkbox"/> Measurements		
<input type="checkbox"/> Freight Charges		
<input type="checkbox"/> Prepaid		
<input type="checkbox"/> Collect		
ISSUER/MASTER/ CARRIER'S SIGNATURE 0 Date Signed		

Figure 29

3000

VTrade Document
Checklist

Transaction Reference & Date : _____
VTrade Account No : _____
Buyer Name : _____
Visa Online Merchant No : _____
Merchant/Seller Name : _____

Buyer and Seller is to agree on terms of each documents, sign-off on checklist after negotiation and finalization on VTrade Web

3004

VTrade Documents

Pressing on document icon will bring user to stored document page

- ☐ Bill of Lading/Airwaybill/Truck BL
- ☐ Commerical Invoice
- ☐ Insurance Note/Certificate
- ☐ Packing/Weight List
- ☐ Commercial Invoice
- ☐ Certificate of Origin
- ☐ Custom's Declaration
- ☐ Counselor's Invoice
- ☐ Sanctions/Boycott Declarations
- ☐ Lab Test Report
- ☐ Beneficiary's Certificate
- ☐ Others (Please Specify)
- ☐ Others Discrepancies

***Discrepancies
Noted***

Buyer's Signature

0

Forward to Bank for
Due Diligence

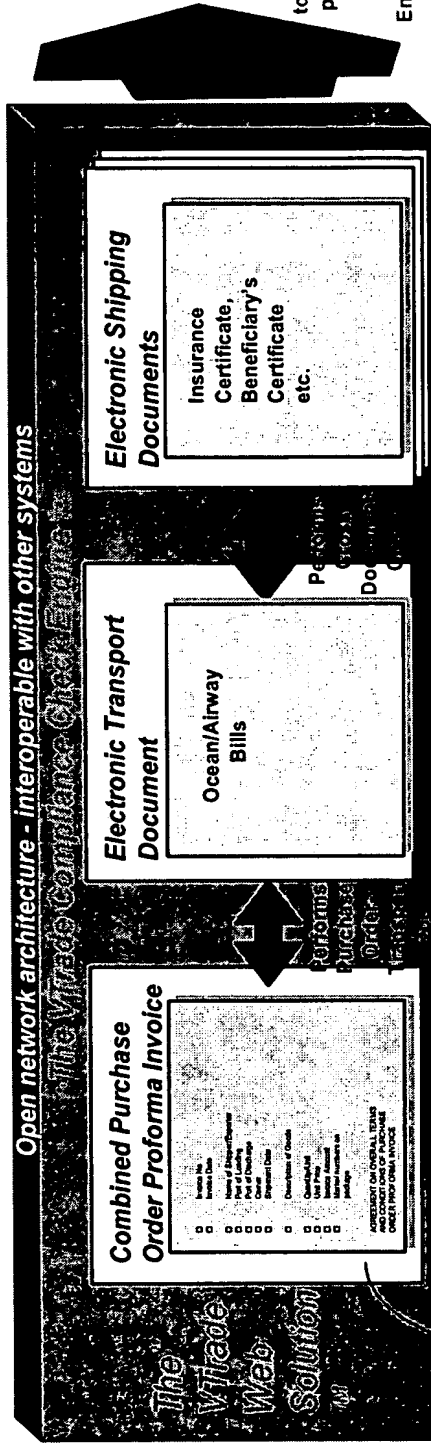
Payment Authorization
to VTrade

Page 1 of 1

Figure 30

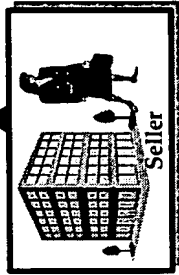
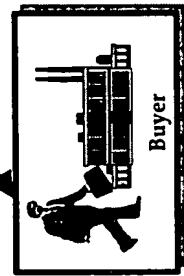
Online
Web-based
Banking
- An electronic
trade finance
solution which
complements
Visa
International's
other electronic
commerce
offerings

3100

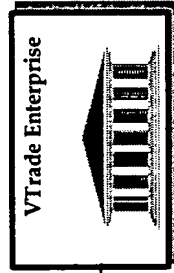
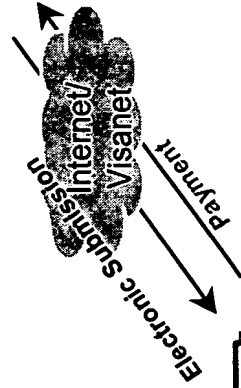


3102

Figure 31



Other physical documents
(assume VTrade need not
check - to be settled
between buyer and seller)



3200

Role
Submits Combined Purchase
Order Proforma Invoice
and commercial shipping
documents

Role 1
Checks electronic
documents :
Combined Purchase
Order Proforma
Invoice and all
electronic
documents

Role 2
Credit exporter as long as
commercial shipping
documents complies with
terms of Combined
Purchase Order Proforma
Invoice

Figure 32

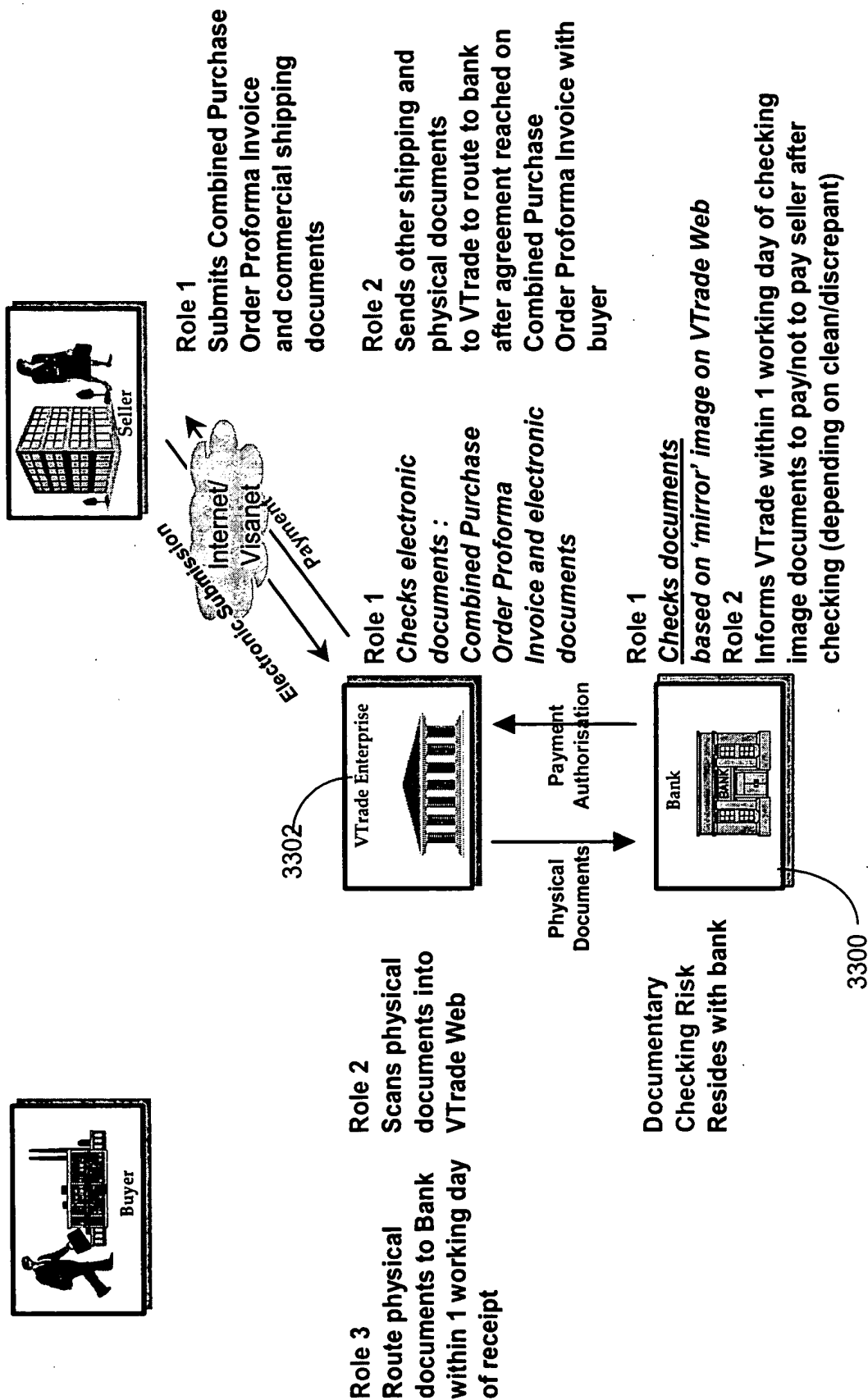


Figure 33

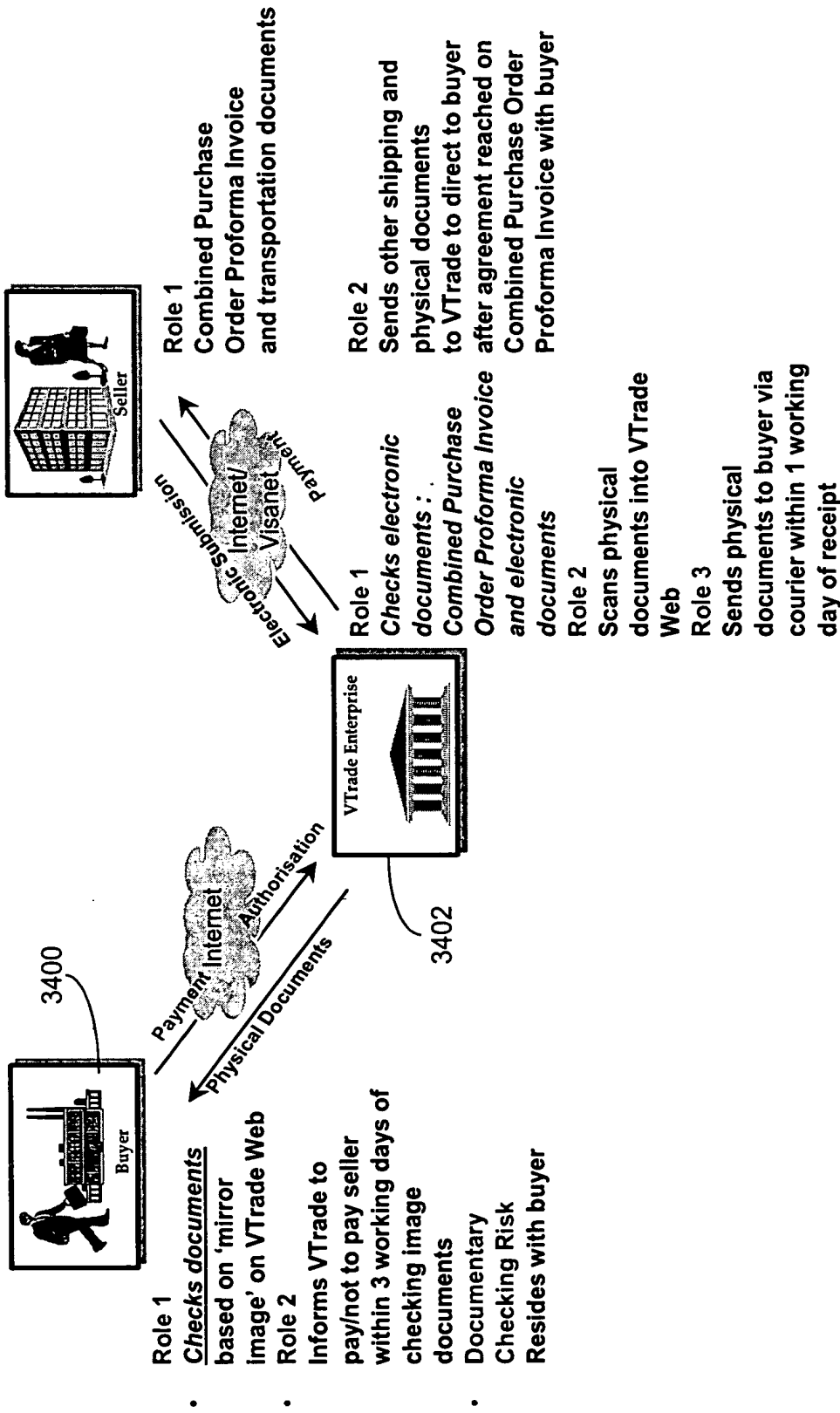


Figure 34

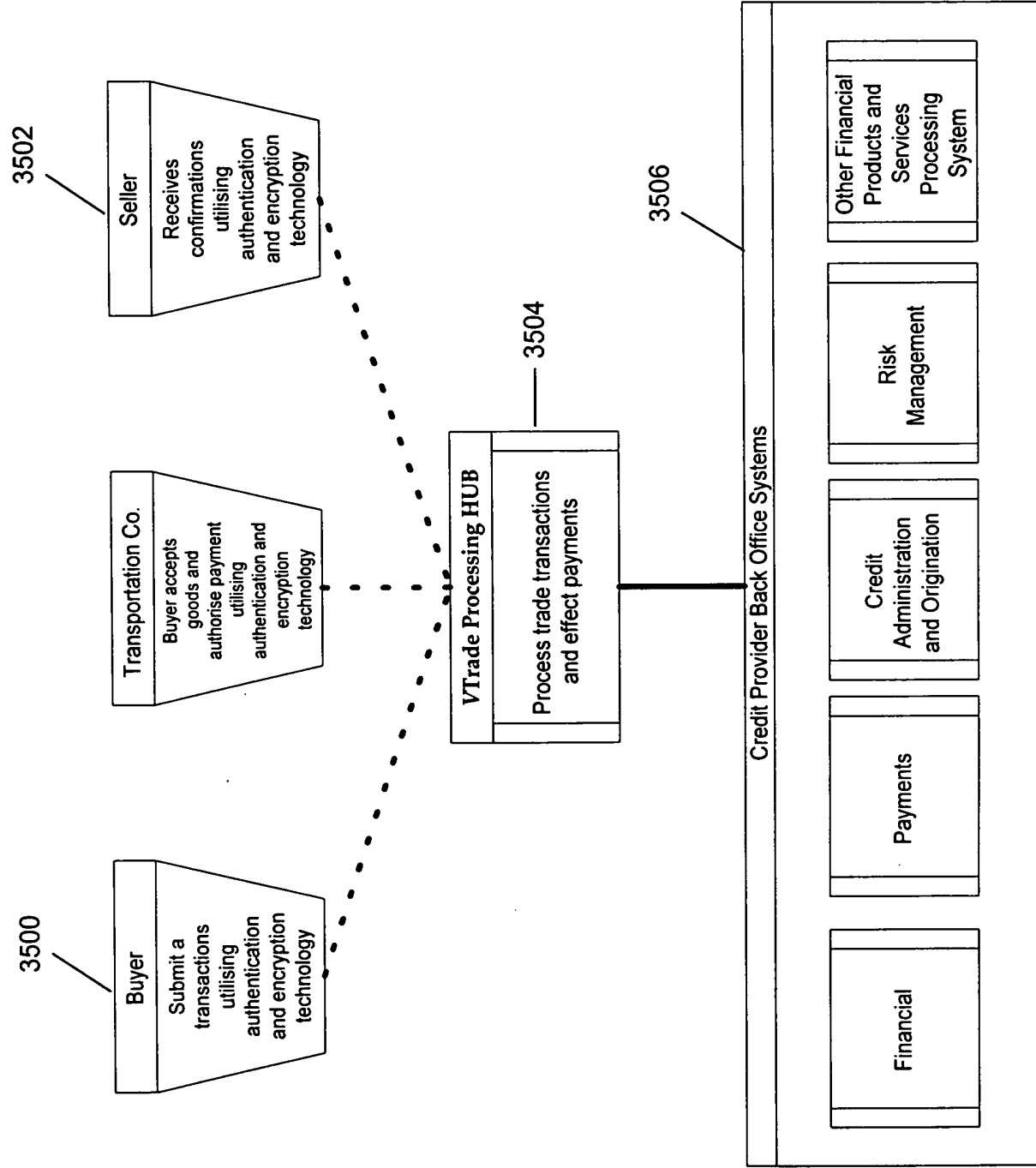


Figure 35

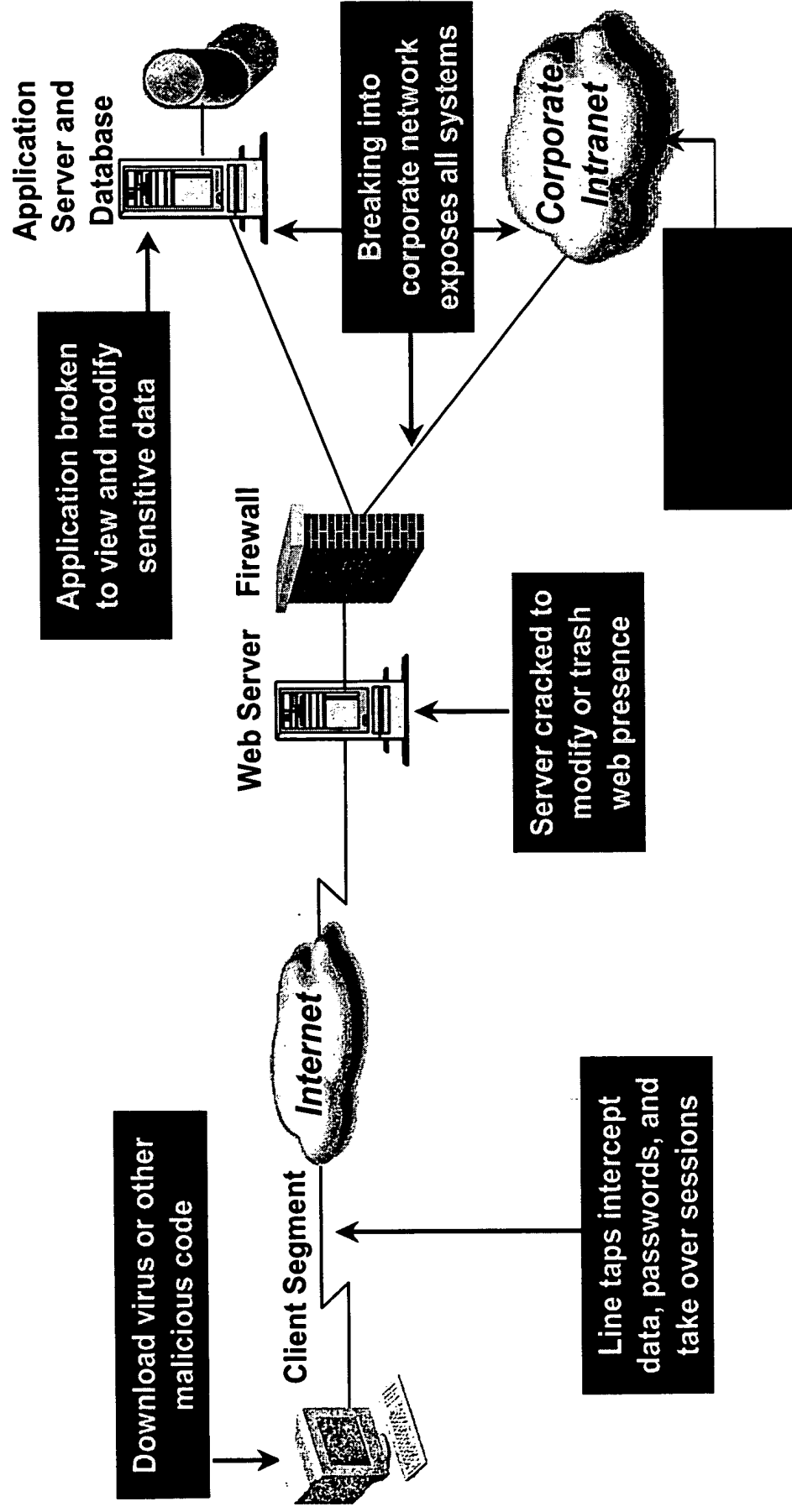


Figure 37

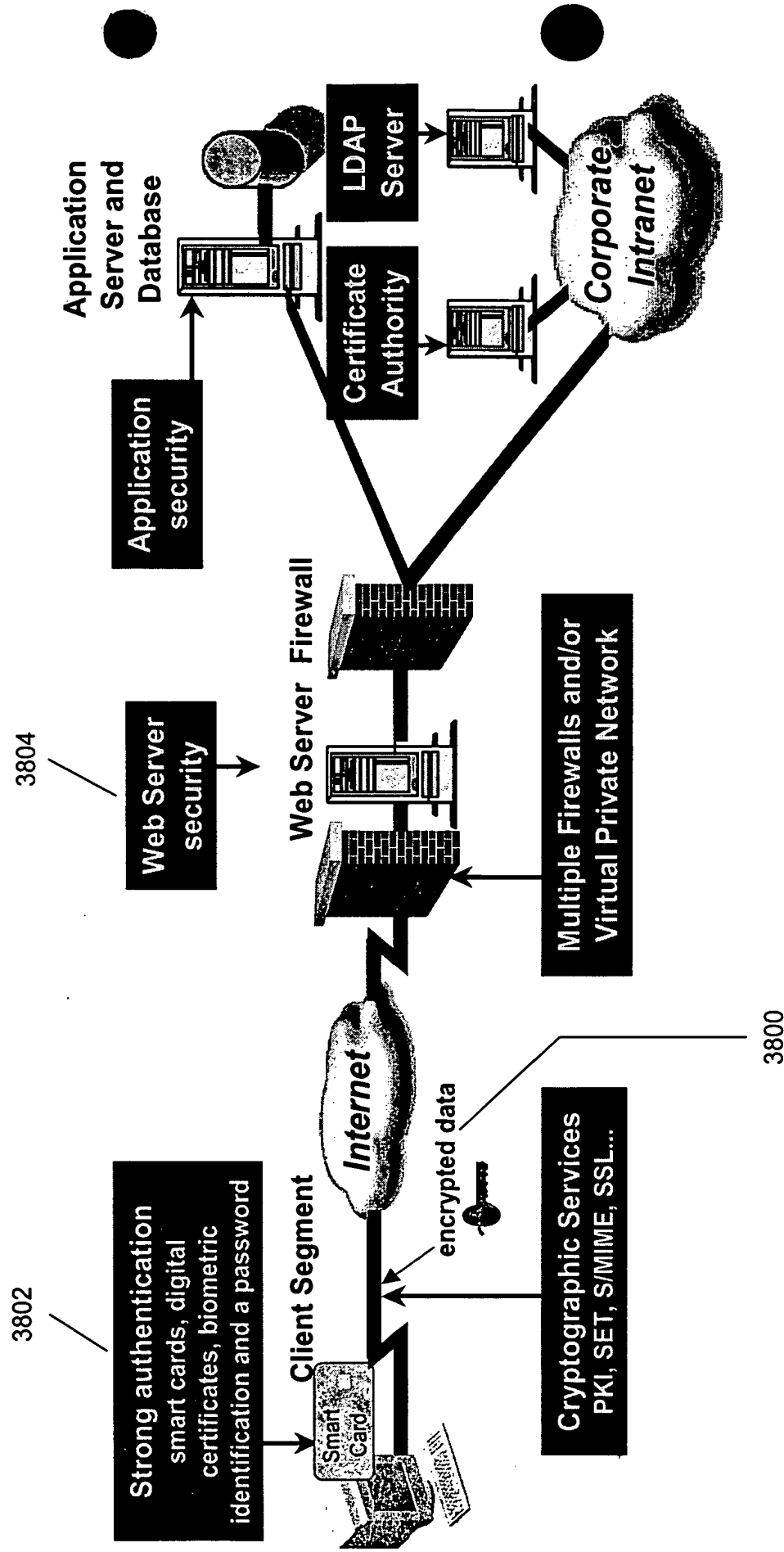


Figure 38

3900 SECURITY PRINCIPLES	3902 Authentication Services	3904 Cryptography Services	3906 Certification Services
Identification	Yes		Yes
Authentication	Yes		Yes
Authorization	Yes		Yes
Privacy		Yes	Yes
Integrity		Yes	Yes
Non-Repudiation			Yes

Figure 39

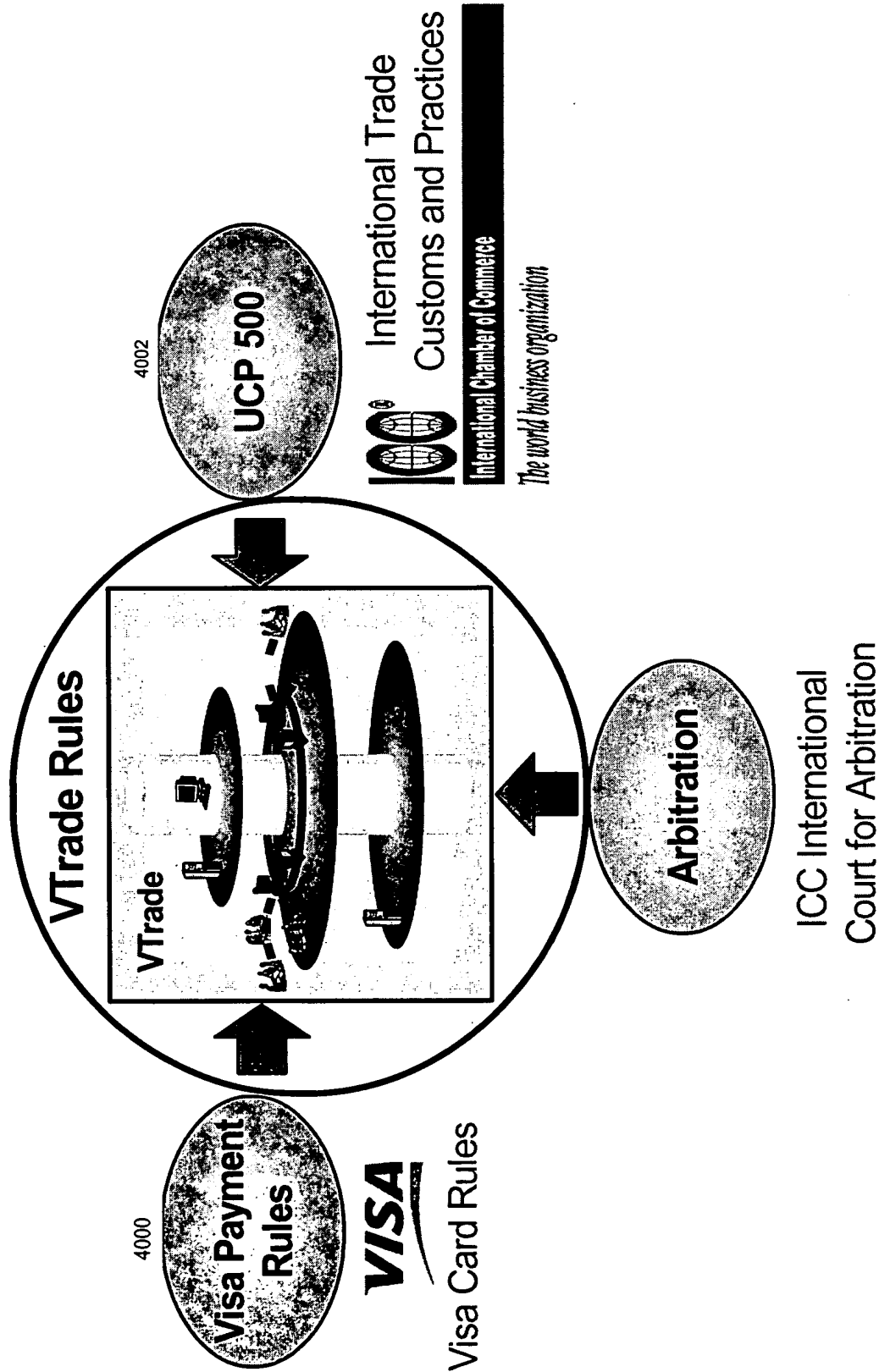


Figure 40

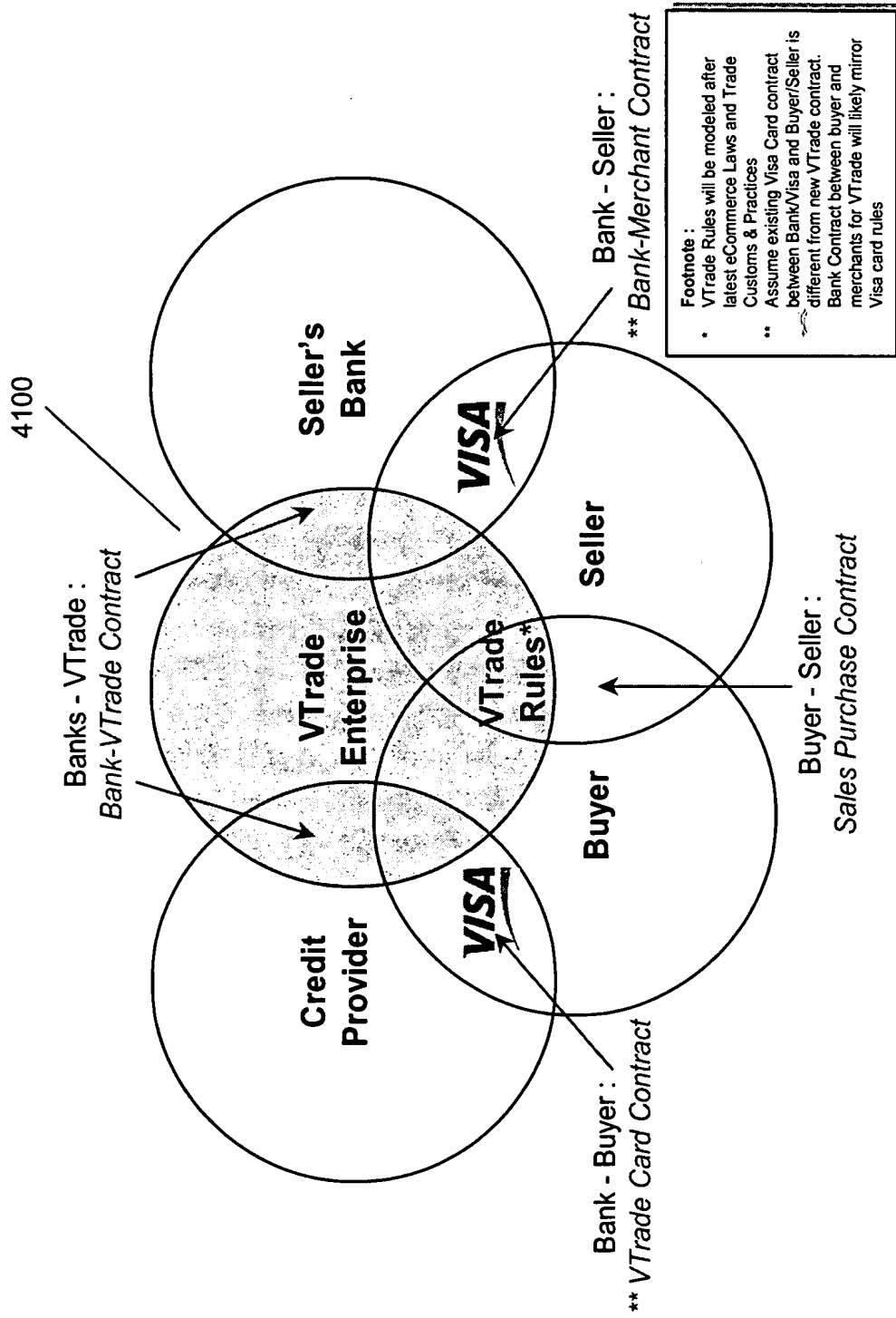
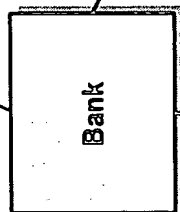
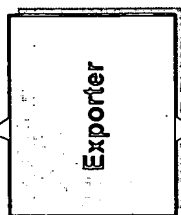


Figure 41



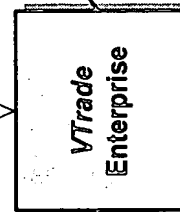
- Bank as payment guarantor to exporter if shipping/ electronic documents comply with Combined Purchase Order Proforma Invoice (24 hours turnaround)
- Bank as negotiator of exporter's receivables (optional)



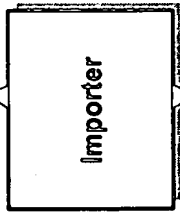
- ~~VTrade as provider of secure infrastructure and ground rules~~
- VTrade as compliance checker and payment initiator
- VTrade as transaction tracing authority to exporter, offering a evidence of particular transaction in point of time
- VTrade as transaction archiving authority for exporter, archiving and managing digital documents and other data for long period of time
- VTrade to encourage exporter to sign as Visa Member for easier payment via Visanet

THE VTRADE RULES

- VTrade as provider of secure infrastructure and ground rules
- VTrade is responsible for any security breach into VTrade's security network
- VTrade is responsible for ensuring each bank's data and confidentiality are protected
- VTrade as transaction processor for bank
- VTrade is responsible for accurate processing and meeting service level agreements with banks (1 day compliance turnaround)



4200



- VTrade as provider of secure infrastructure and ground rules
- VTrade as transaction authorisation authority; ensuring amount ordered is under the credit limit authorised
- VTrade as transaction tracing authority to importer, offering evidence of particular transaction in point of time
- VTrade as transaction archiving authority for importer, archiving and managing digital documents and other data for long period of time
- VTrade to encourage merchant's buyer to sign on
- VTrade for cheaper, more secure and convenient transacting

Figure 42

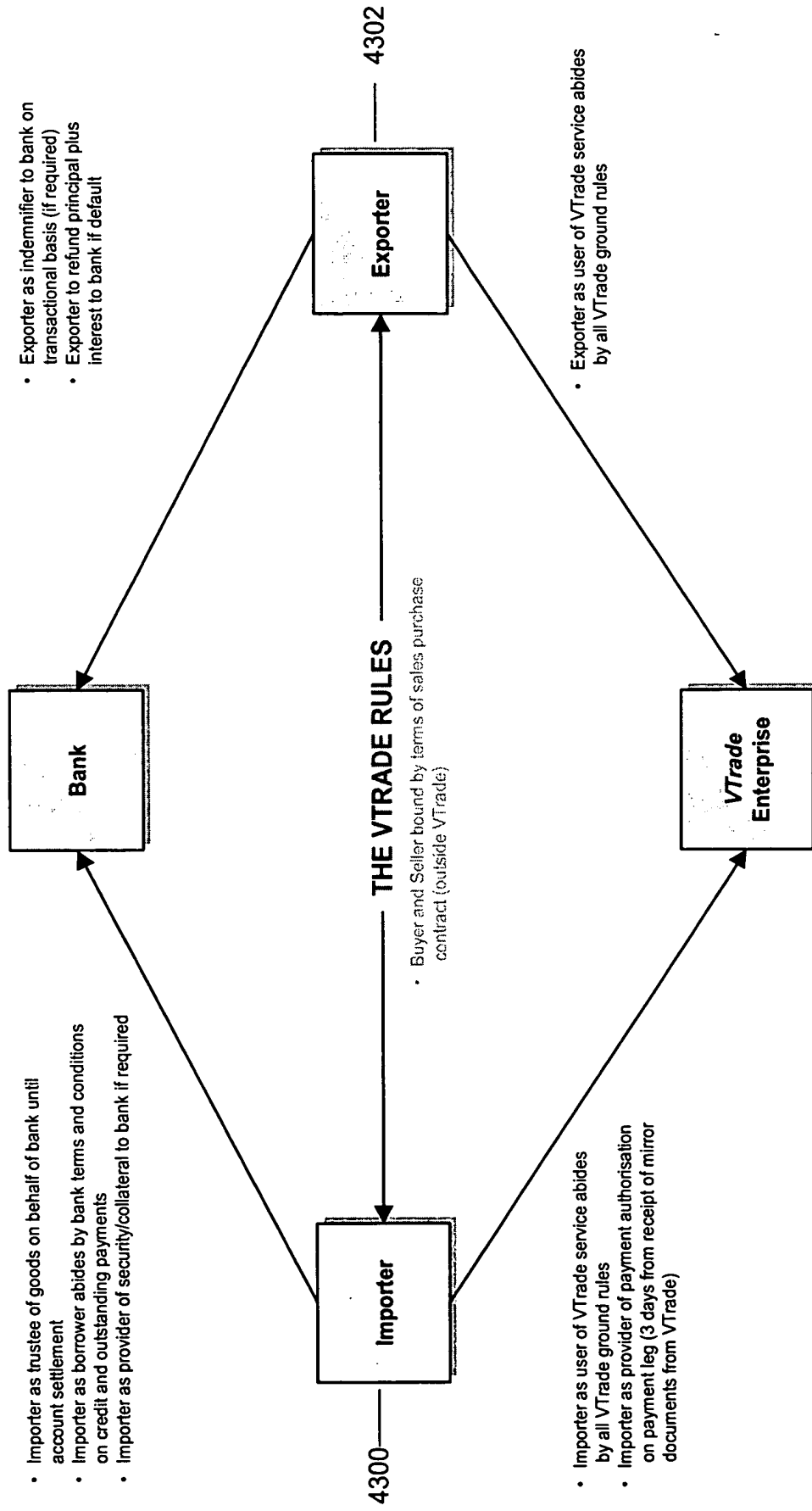


Figure 43

Figure 44

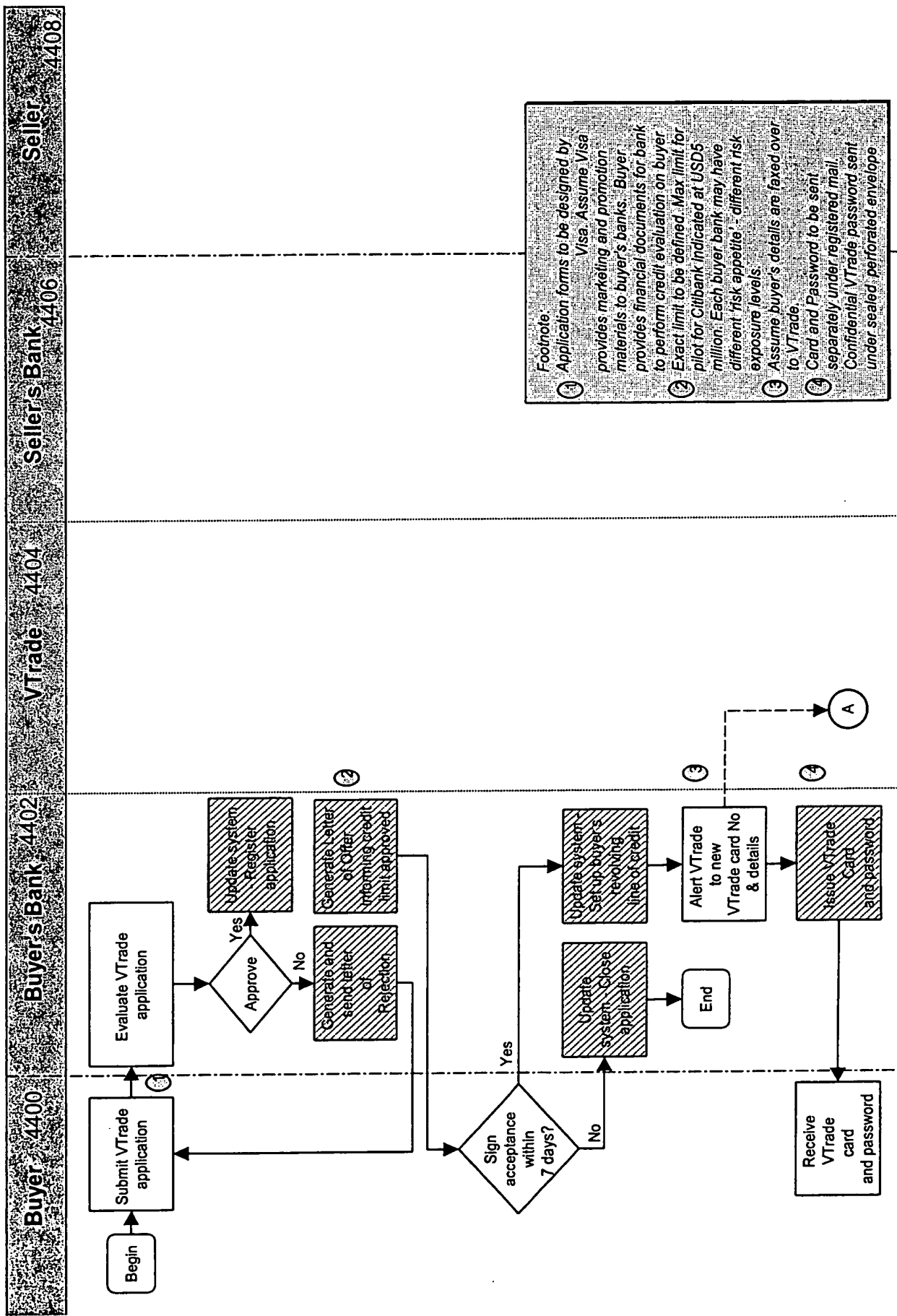
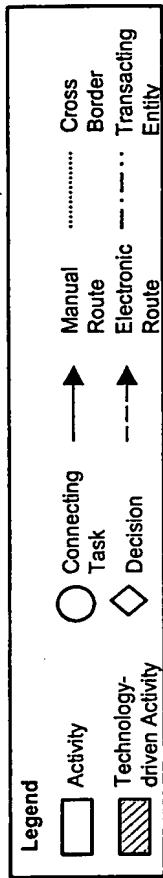


Figure 45

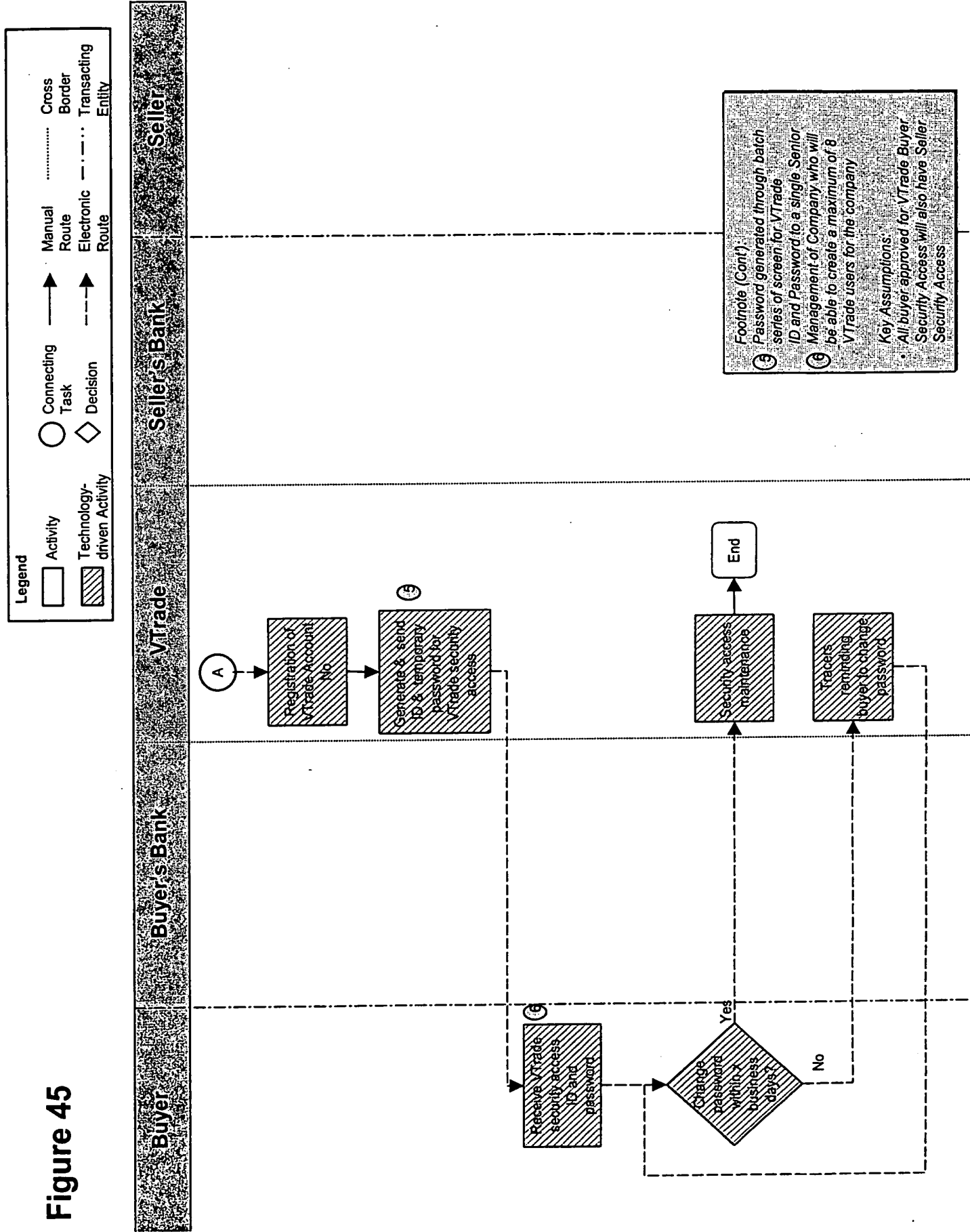


Figure 46

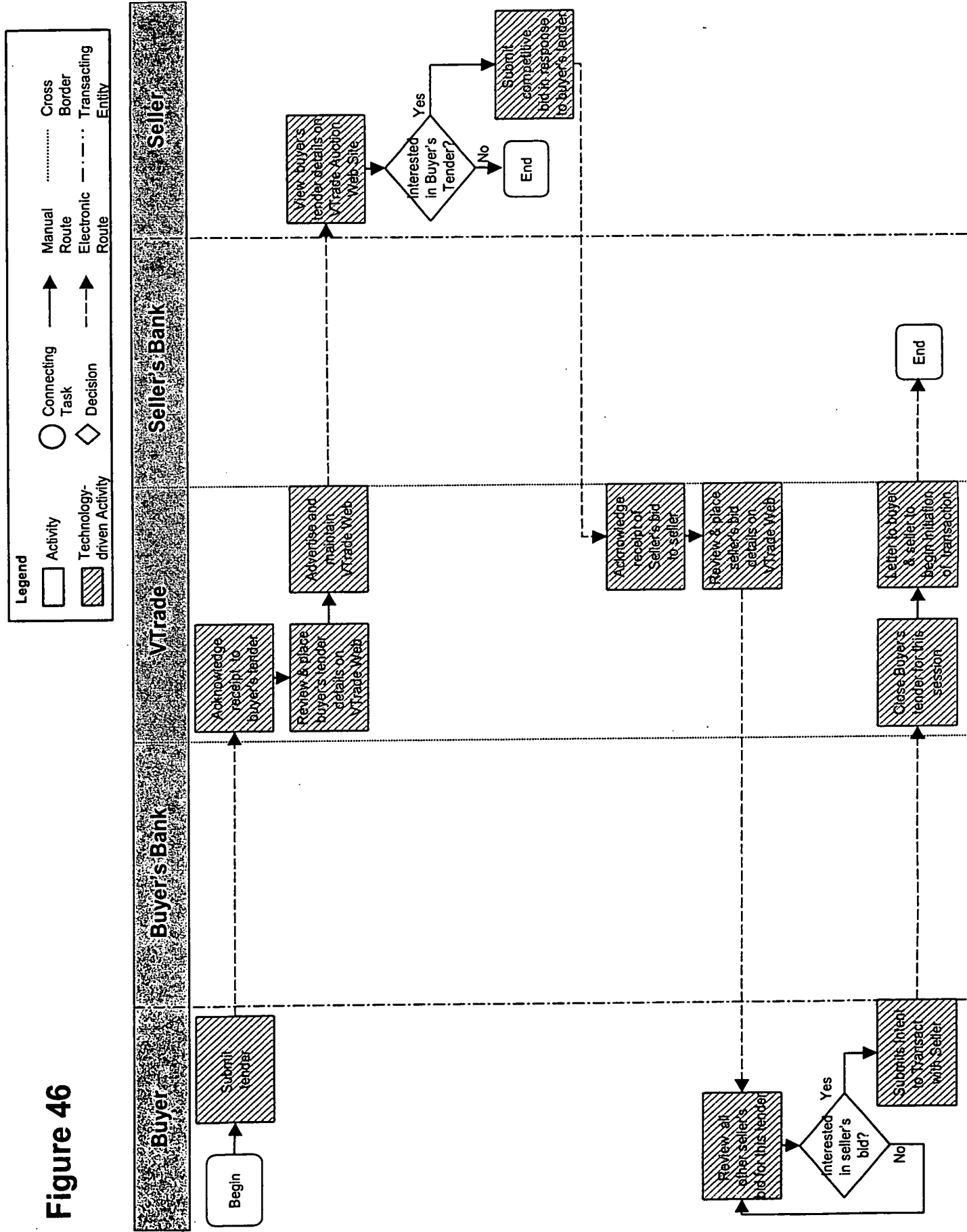


Figure 47

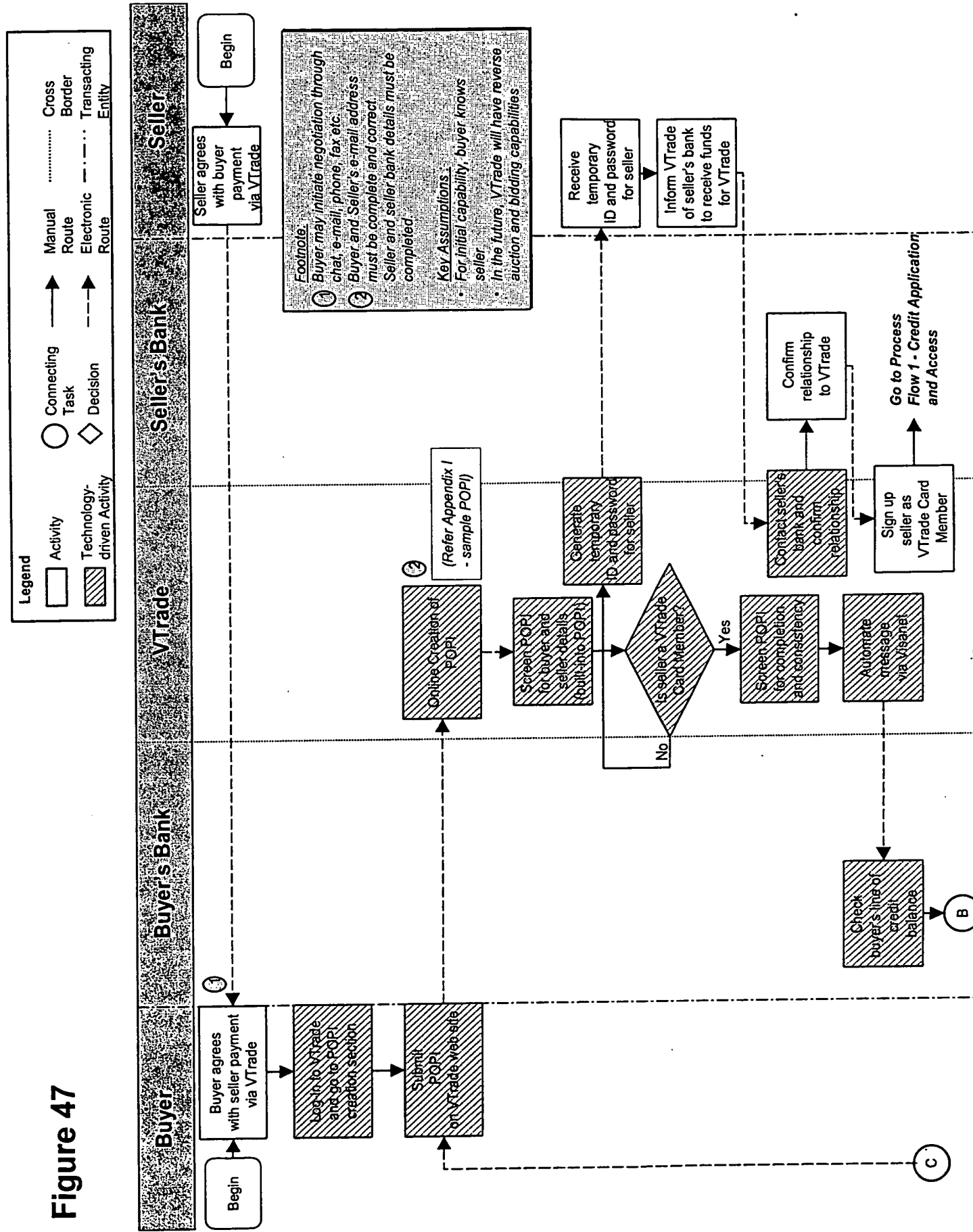


Figure 48

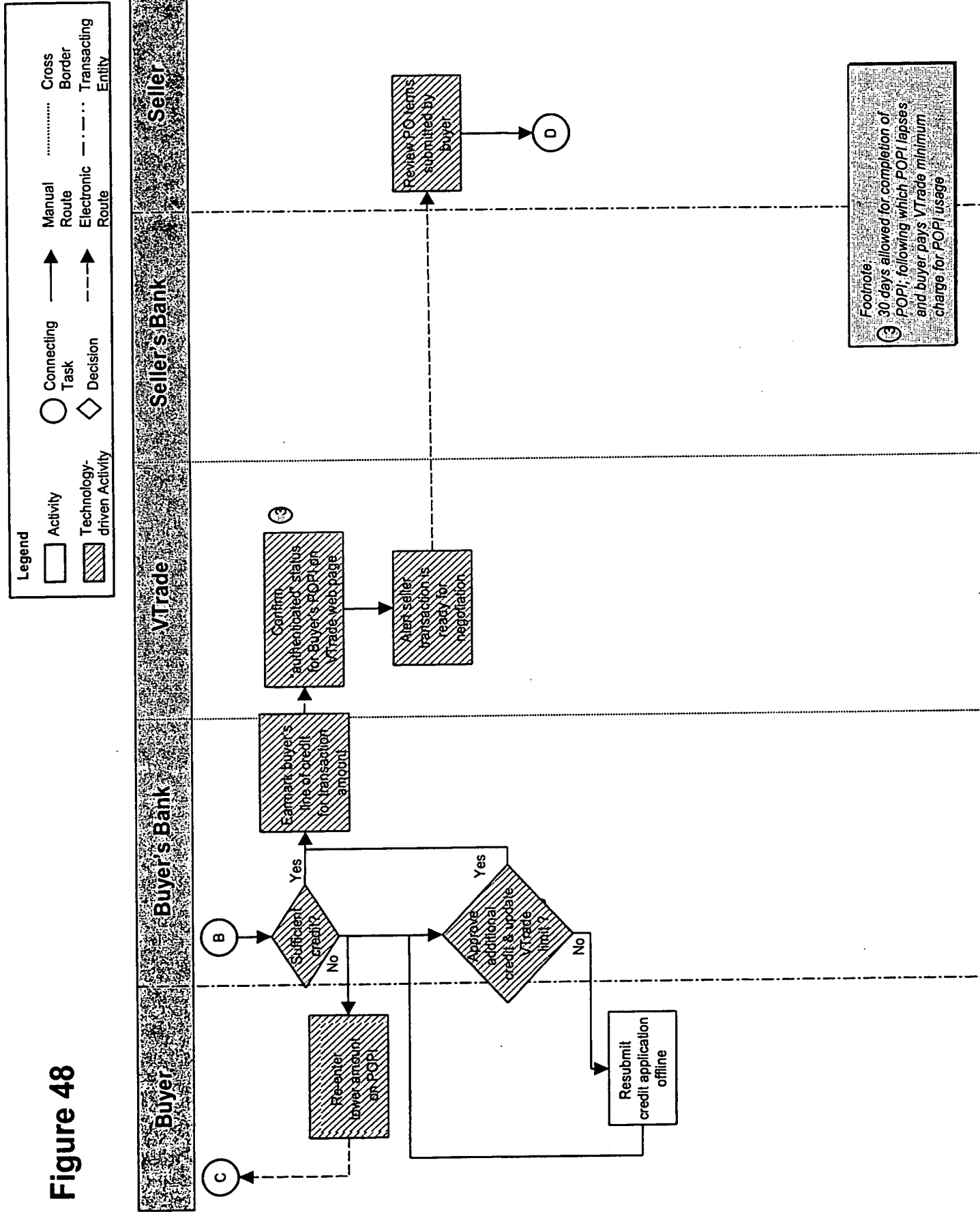


Figure 49

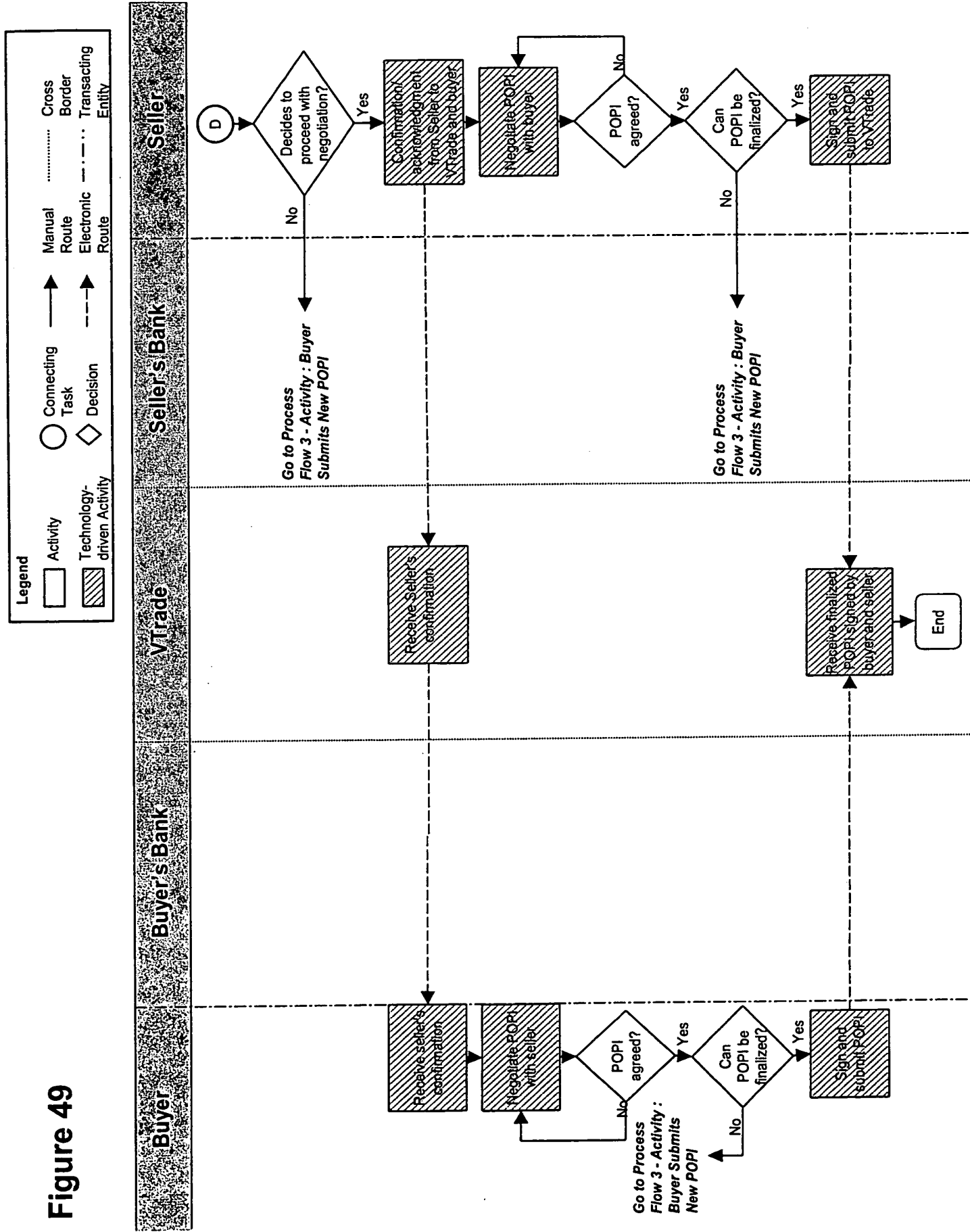


Figure 50

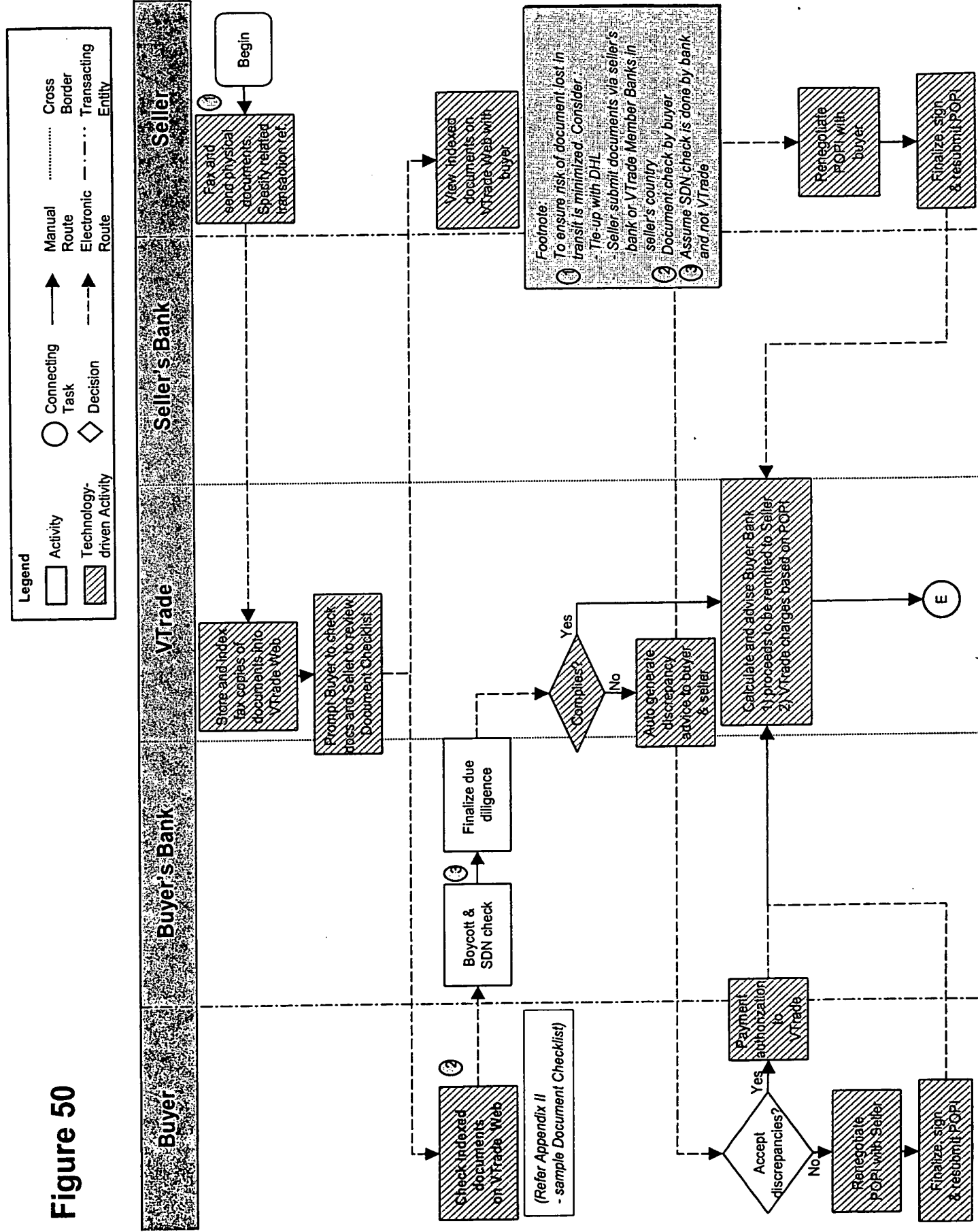


Figure 51

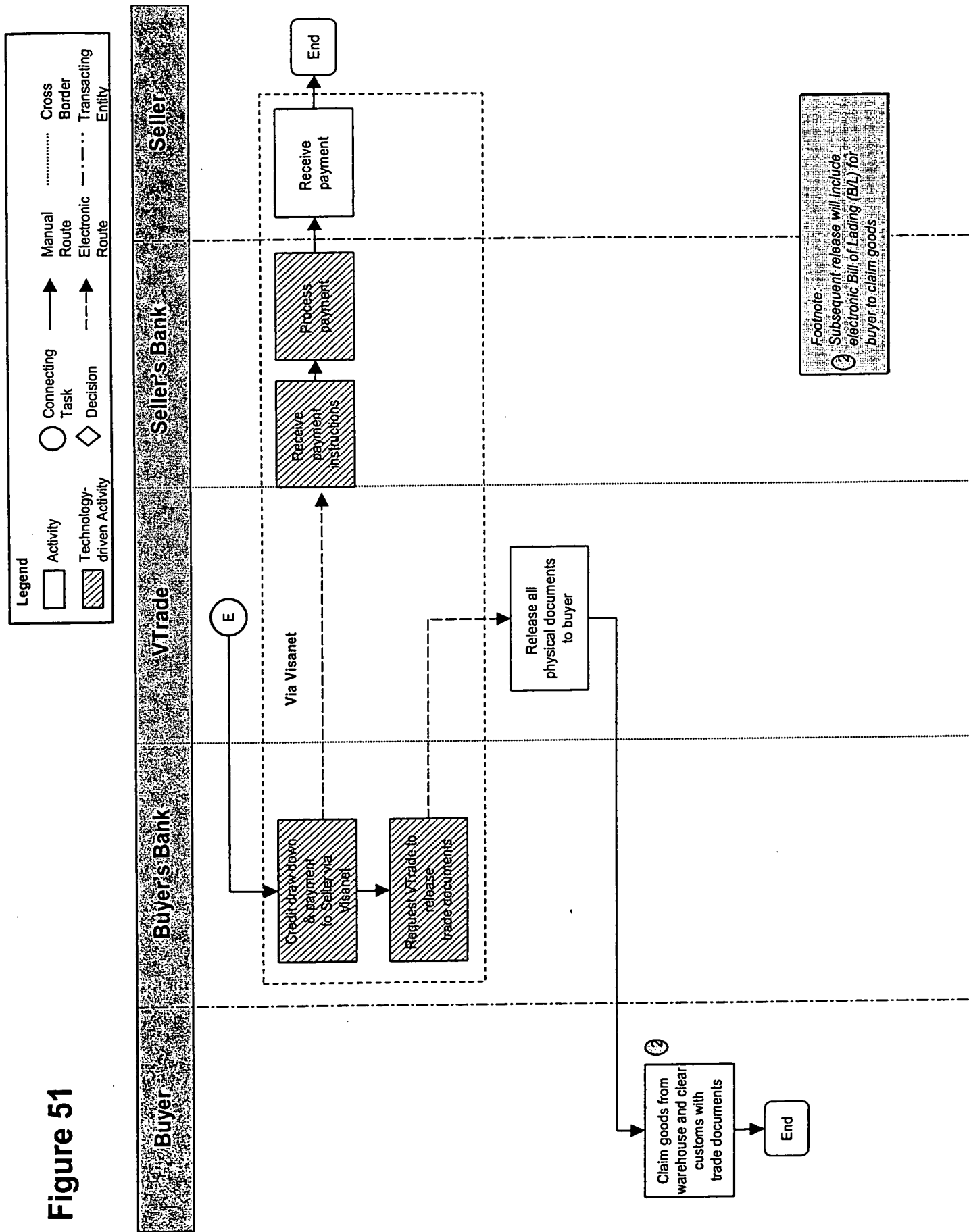
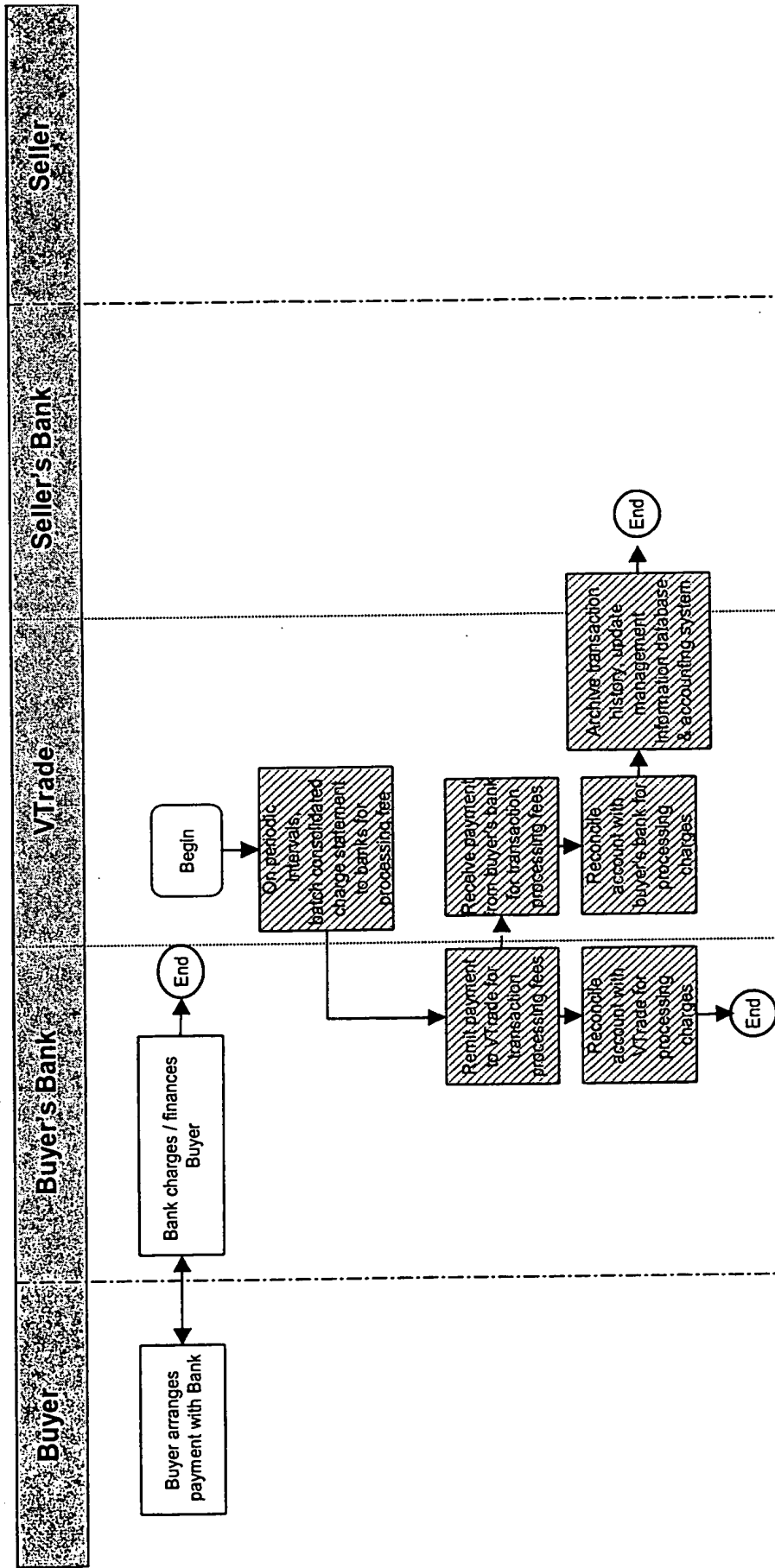
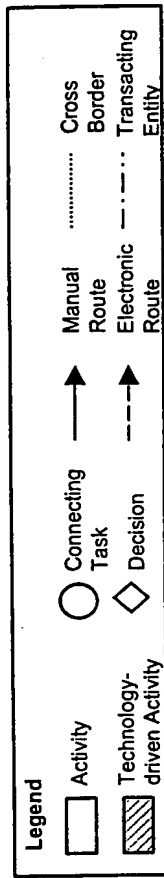


Figure 52



eMarketplace Models

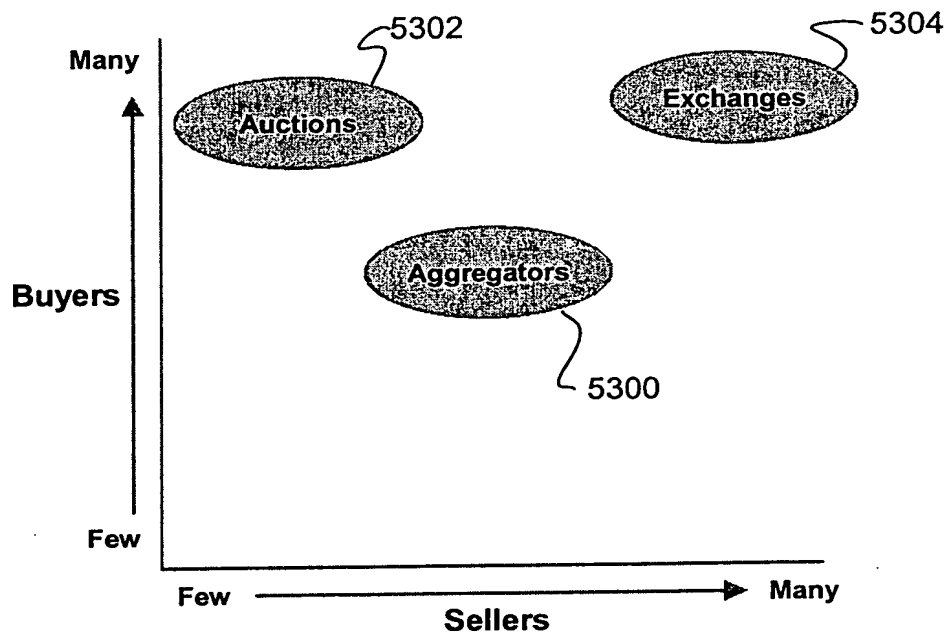


Figure 53

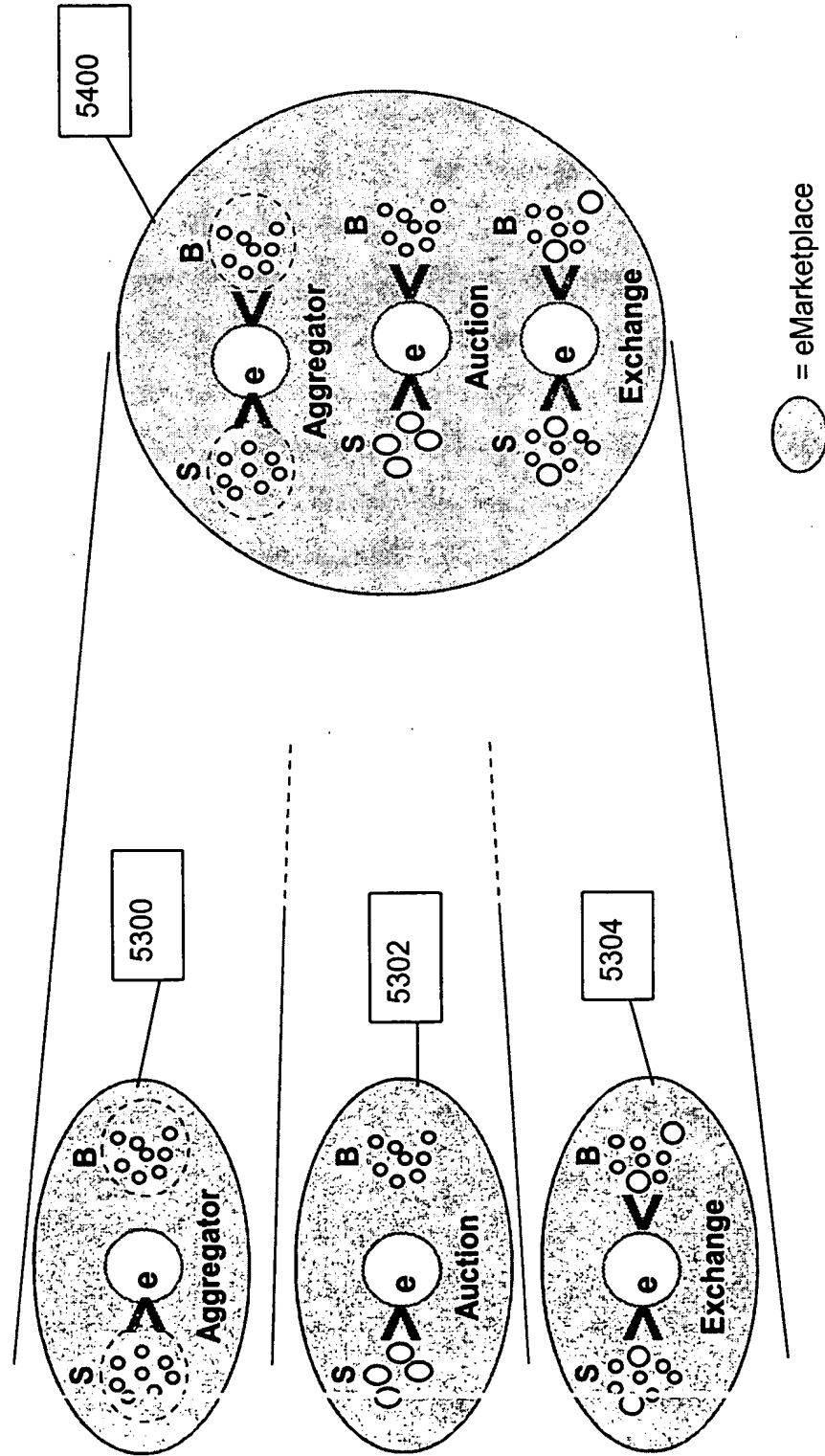


Figure 54

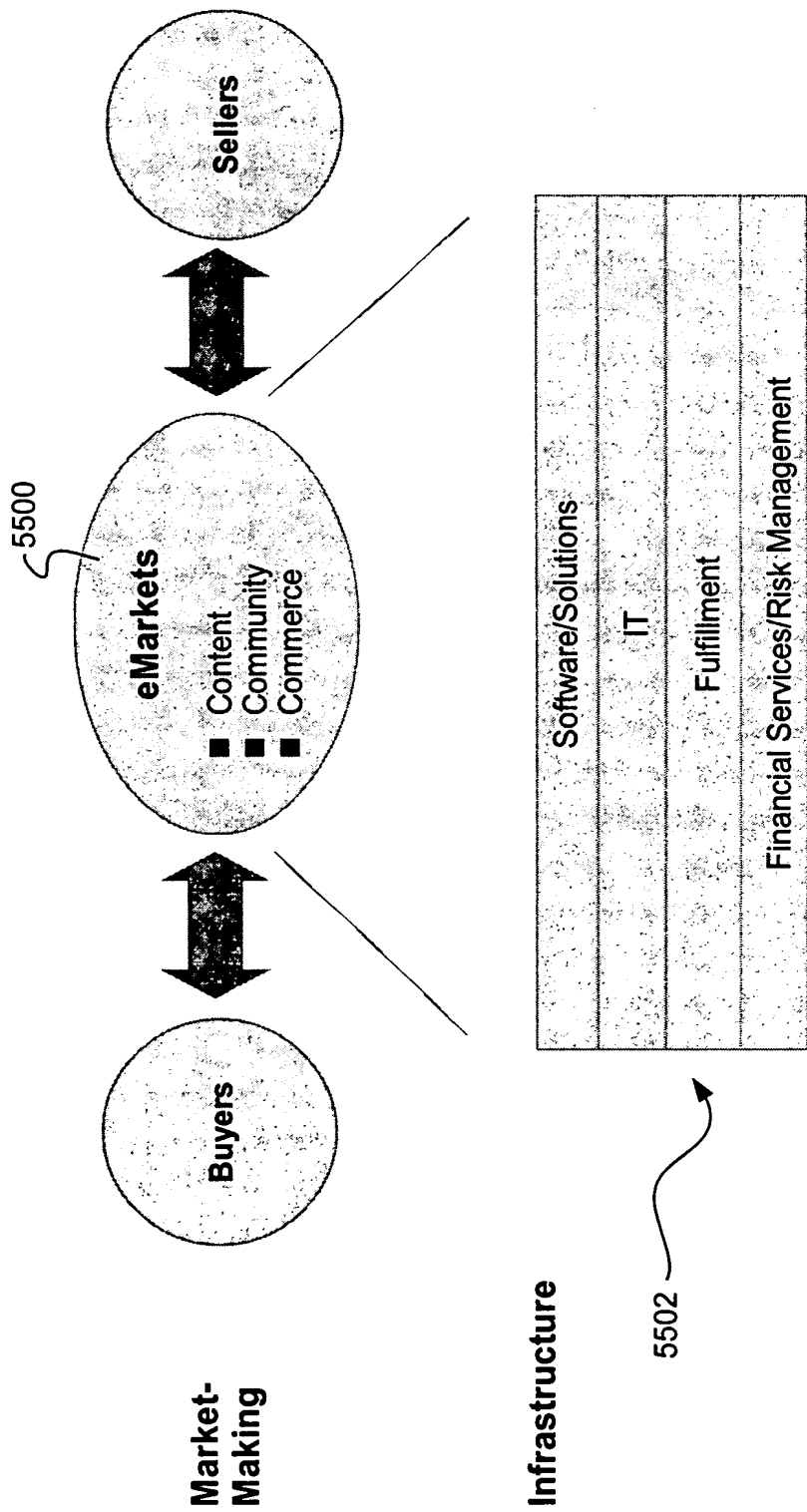


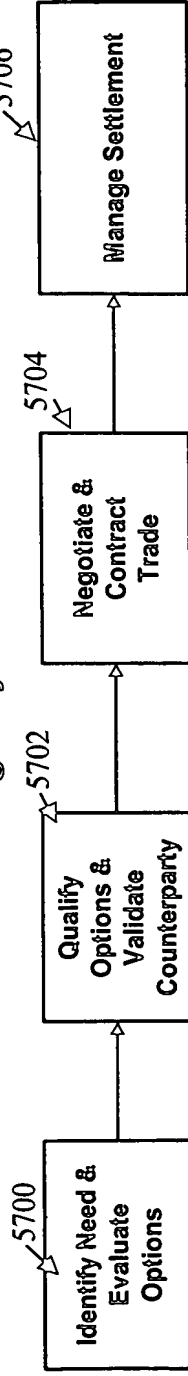
Figure 55

Infrastructure

	Description	Examples
5600 Software/ Solutions	<input type="checkbox"/> The software which makes the site run	<input type="checkbox"/> Auction engine <input type="checkbox"/> Content management <input type="checkbox"/> ERP integration software
5602 IT	<input type="checkbox"/> Setting up the site and providing ongoing maintenance	<input type="checkbox"/> Systems integration <input type="checkbox"/> Hosting <input type="checkbox"/> Application Service Providers
5604 Fulfillment	<input type="checkbox"/> Organizing the physical settlement of trades after they have been agreed upon	<input type="checkbox"/> Shipping <input type="checkbox"/> Warehousing <input type="checkbox"/> Inspection
5606 Financial Services/ Risk Management	<input type="checkbox"/> Facilitating the financing and transfer of funds between parties to a transaction <input type="checkbox"/> Minimizing the risks of fraud, renegeing, etc., at this exchange and providing tools to mitigate trade-related risks	<input type="checkbox"/> Payment processing <input type="checkbox"/> Receivables management <input type="checkbox"/> Financing/ credit <input type="checkbox"/> Authentication <input type="checkbox"/> Warranties <input type="checkbox"/> Derivatives/options

Figure 56

Needs During Buy/Sell Process



Buyer	<input type="checkbox"/> Needs assessment tools	<input type="checkbox"/> Ability to check/assess product availability and supply	<input type="checkbox"/> Assistance in negotiating and deal structuring	<input type="checkbox"/> Ability to track order and fulfillment
	<input type="checkbox"/> Assistance in selecting an appropriate product to buy	<input type="checkbox"/> Ability to check/assess product and pricing information	<input type="checkbox"/> Advice on financial options	<input type="checkbox"/> Arranging receipt and inspection of product
	<input type="checkbox"/> Access to consistent product information	<input type="checkbox"/> Tools to determine seller's ability to perform	<input type="checkbox"/> Guidance on securing financing	<input type="checkbox"/> Automated release of funds upon approval
	<input type="checkbox"/> Access to consistent market information			
Seller	<input type="checkbox"/> Identification and assessment of customer needs	<input type="checkbox"/> Determine market demand for products	<input type="checkbox"/> Perform credit risk assessment	<input type="checkbox"/> Integration with order processing area
	<input type="checkbox"/> Assistance in selecting the appropriate product to sell	<input type="checkbox"/> Ability to assess pricing movements (spot, trends)	<input type="checkbox"/> Assistance in deal / trade structuring	<input type="checkbox"/> Ability to track order and fulfillment
	<input type="checkbox"/> Access to consistent product information	<input type="checkbox"/> Ability to validate buyers' ability to pay	<input type="checkbox"/> Guidance on financial options available	<input type="checkbox"/> Automated receipt and posting of funds
	<input type="checkbox"/> Access to consistent market information			

Figure 57

Tasks During Buy/Sell Process

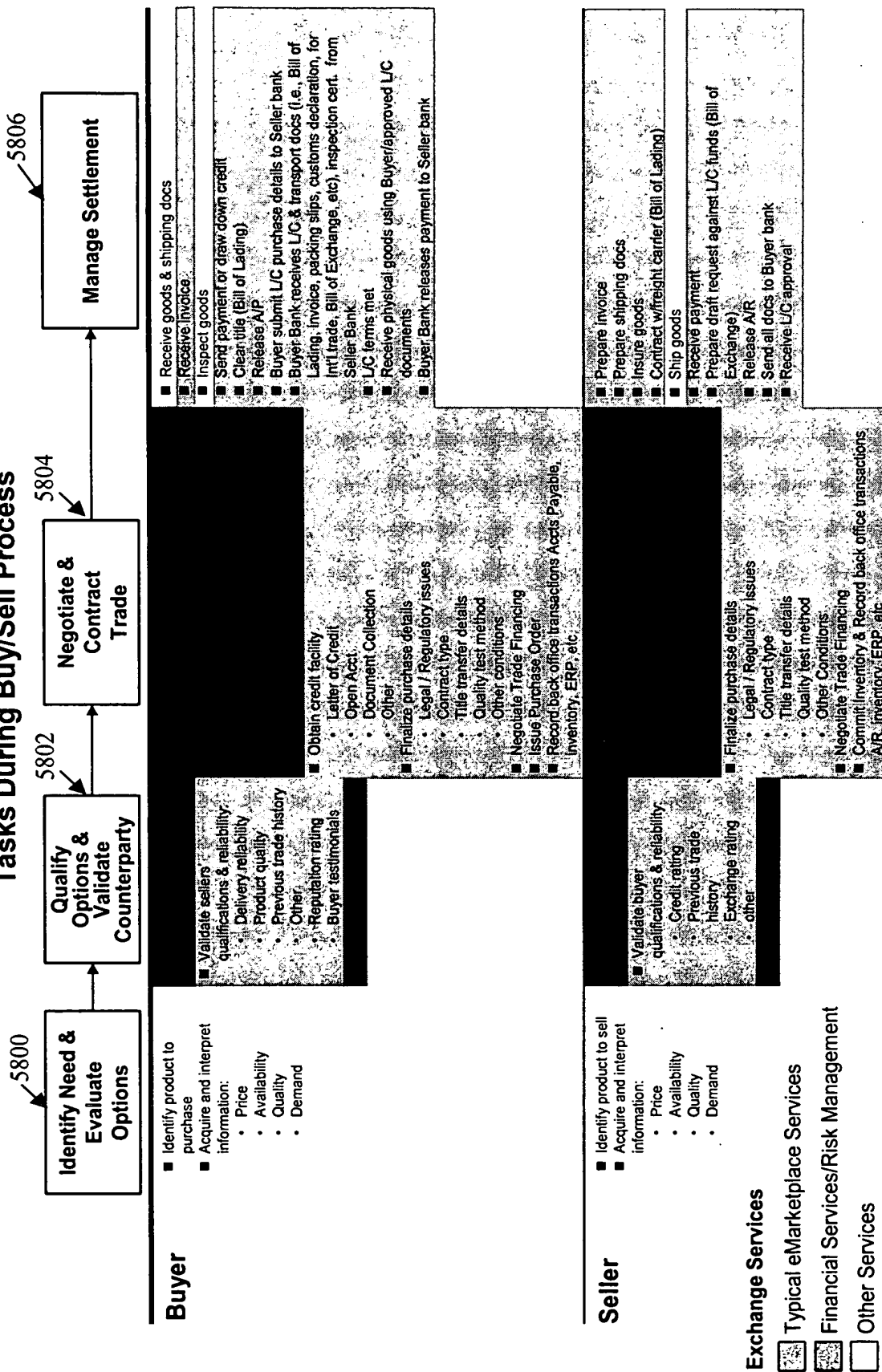


Figure 58

Service Area	Service	Buyer/Seller Value Proposition	eMkt Place Value Proposition
Reputation Assessment			
5900	<input type="checkbox"/> Online documentation of credit worthiness included in profile <input type="checkbox"/> Credit rating engine based on historical transaction data <input type="checkbox"/> Member-specified credit rating <input type="checkbox"/> Authentication when using site	<input type="checkbox"/> Increases member confidence in trading partners <input type="checkbox"/> Provides access to cash flow management services	<input type="checkbox"/> Increases transaction volume and transaction-related revenues <input type="checkbox"/> Potential service revenue (per credit profile provision)
Financing			
5902	<input type="checkbox"/> Lines of credit, leasing, inventory financing <input type="checkbox"/> Factoring, forfeiting, and other receivables financing services	<input type="checkbox"/> Provides access to cash flow management services	<input type="checkbox"/> Increases member entanglement <input type="checkbox"/> Potential referral revenue
Risk Management			
5904	<input type="checkbox"/> Foreign exchange services <input type="checkbox"/> Insurance <input type="checkbox"/> Hedging tools	<input type="checkbox"/> Provides access to services that might be otherwise unavailable to small members <input type="checkbox"/> Provides seamless service that is more convenient than existing services (e.g., "one click")	<input type="checkbox"/> Increases member entanglement <input type="checkbox"/> Potential referral revenue
ePayments			
5906	<input type="checkbox"/> Credit Cards, ACH, SWIFT, wire transfers <input type="checkbox"/> Letters of credit, documentary collection, or other intermediated payment vehicles, guaranteed payment <input type="checkbox"/> Electronic bill presentment and payment <input type="checkbox"/> Online document management	<input type="checkbox"/> Reduces counterparty payment risk <input type="checkbox"/> Reduces transaction costs and time required to complete payment processing <input type="checkbox"/> Increases speed and accuracy of document processing	<input type="checkbox"/> Potential to increase qualified member market / transaction volume and revenue <input type="checkbox"/> Potential referral revenue <input type="checkbox"/> Potential per-transaction revenue <input type="checkbox"/> Facilitates eMarketplace revenue model
Information			
5908	<input type="checkbox"/> Industry or product-related news <input type="checkbox"/> Specific roles/regs <input type="checkbox"/> Contacts and resources <input type="checkbox"/> Decisions support/advice	<input type="checkbox"/> Enables informed decisions <input type="checkbox"/> Provides real insights <input type="checkbox"/> Can access additional info without leaving site	<input type="checkbox"/> Increases member usage and entanglement <input type="checkbox"/> Positions provider as credible and knowledgeable resource <input type="checkbox"/> Possible fee for service generator

Figure 59

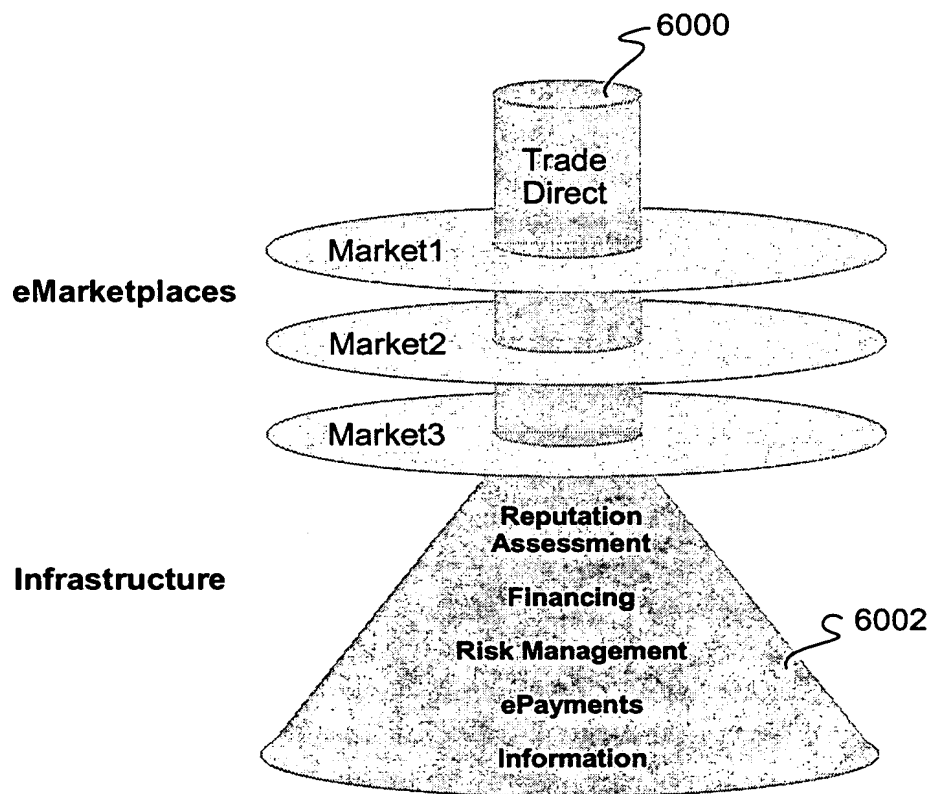


Figure 60

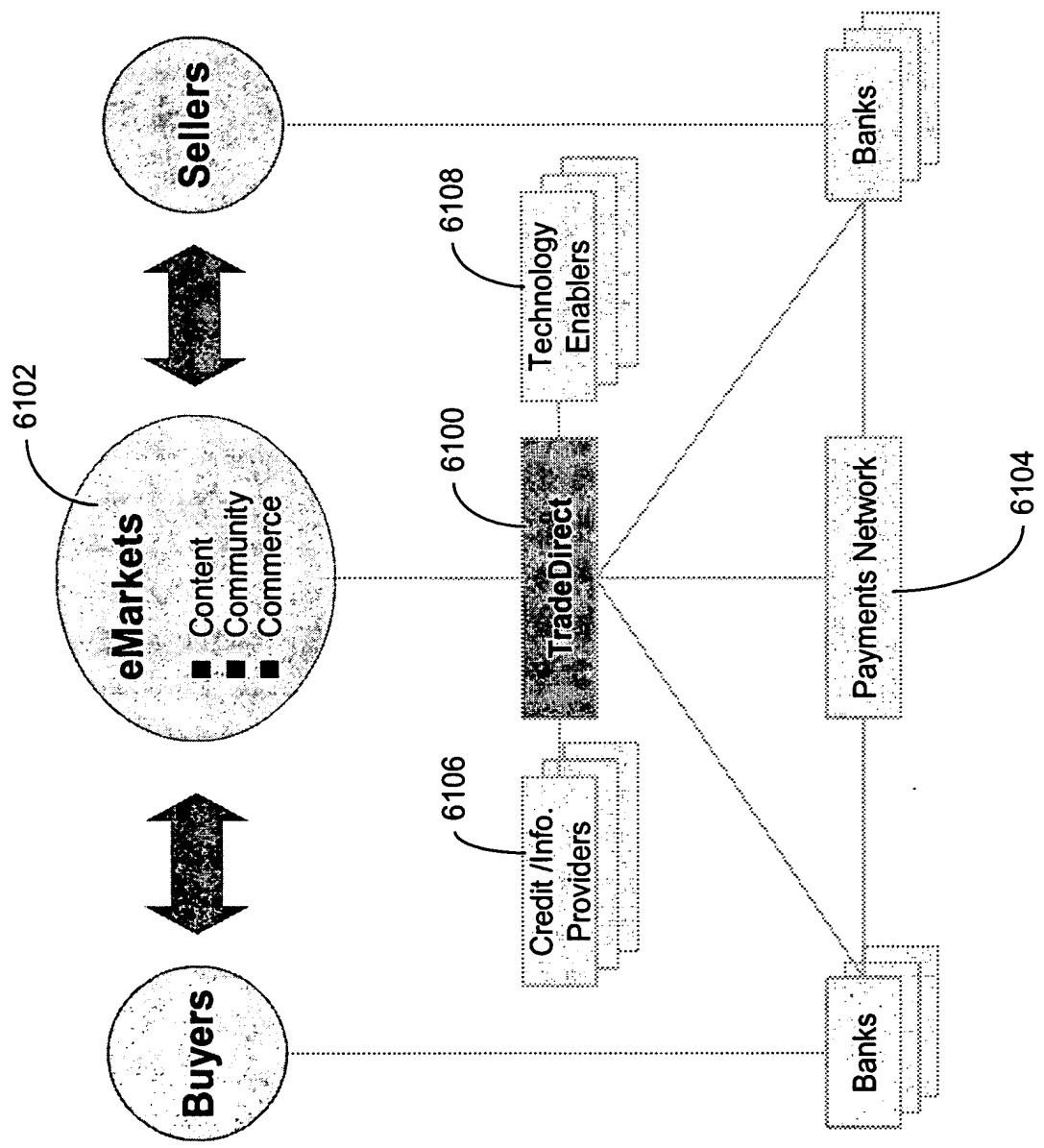


Figure 61

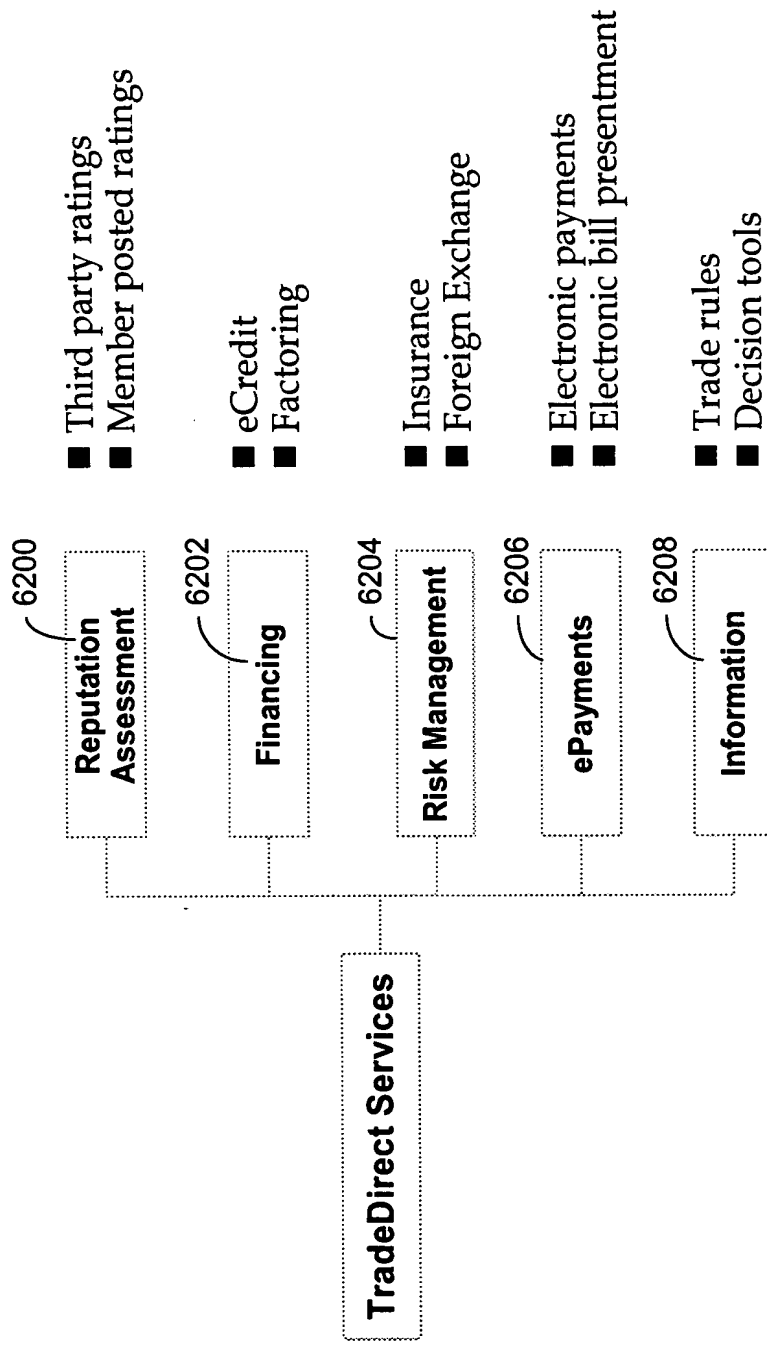


Figure 62

6300

FACILITATING TRANSACTIONS BETWEEN A PLURALITY OF BUYERS AND SELLERS BY OFFERING A PLURALITY OF SERVICES SELECTED FROM THE GROUP CONSISTING OF ALLOWING THE BUYERS AND THE SELLERS TO NEGOTIATE TERMS OF THE TRANSACTIONS VIA A SITE ON A NETWORK, EXCHANGING FORMS INDICATING THE NEGOTIATED TERMS UTILIZING THE NETWORK, ASSESSING A CREDIT OF THE BUYERS BY INTERFACING BANKS ASSOCIATED WITH THE BUYERS, AND INITIATING PAYMENT FROM THE BUYERS TO THE SELLERS

6302

GENERATING A HISTORY ASSOCIATED WITH THE TRANSACTIONS

6304

STORING THE HISTORY ASSOCIATED WITH THE TRANSACTIONS IN A DATABASE

6306

AUTHENTICATING THE IDENTITY OF THE BUYERS AND THE SELLERS UTILIZING THE NETWORK

6308

ALLOWING THE BUYERS AND THE SELLERS ACCESS TO THE HISTORY OF OTHER BUYERS AND SELLERS UPON SUCCESSFUL AUTHENTICATION OF THE IDENTIFY OF THE BUYERS AND SELLERS

6310

Figure 63

6400

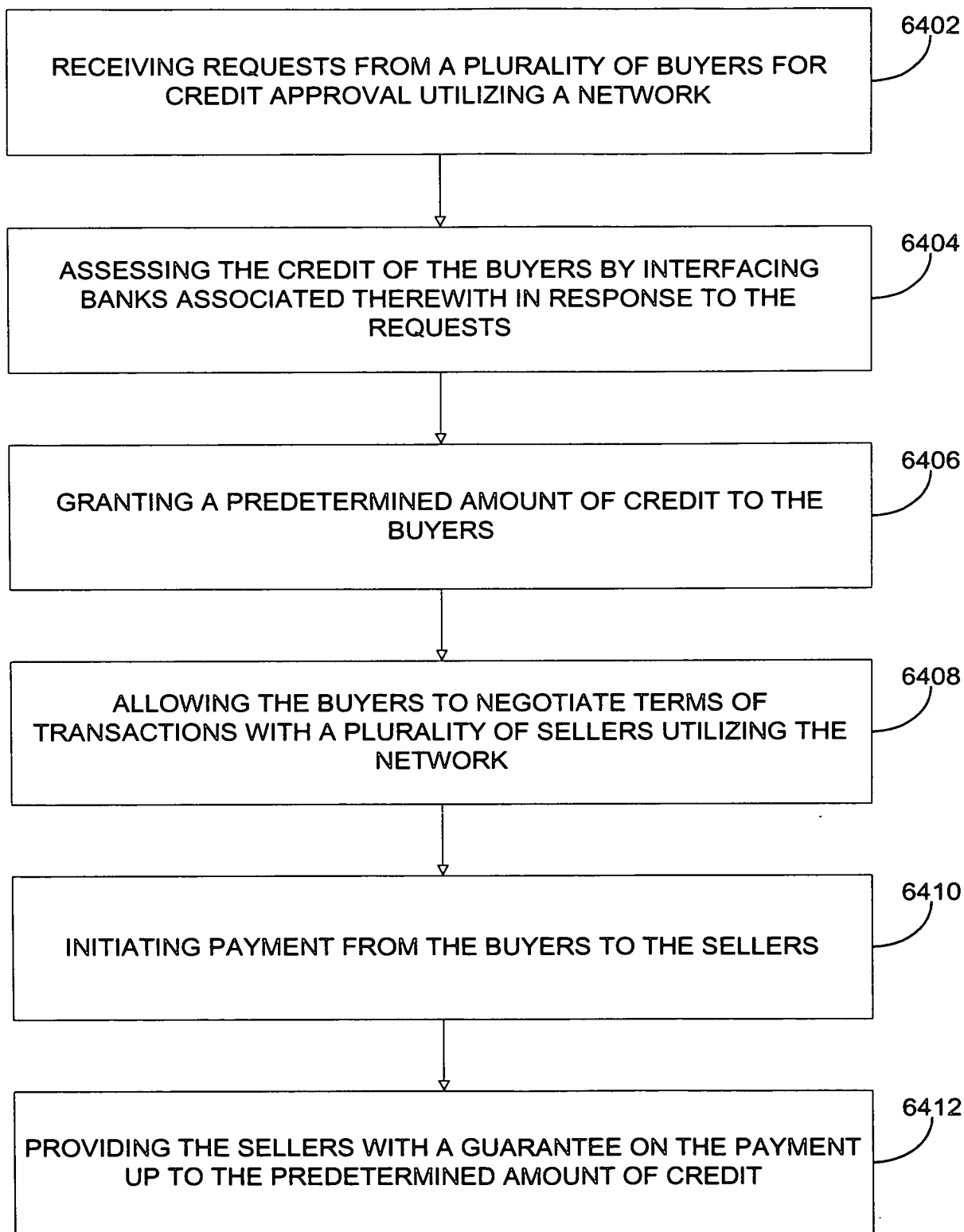


Figure 64

6500

ALLOWING A BUYER AND A SELLER TO NEGOTIATE TERMS OF A TRANSACTION VIA A SITE ON A NETWORK, WHEREIN THE TERMS INCLUDE AN AMOUNT OF PAYMENT AND A TIME FRAME THEREOF

6502

EXCHANGING FORMS INDICATING THE NEGOTIATED TERMS UTILIZING THE NETWORK

6504

ASSESSING A CREDIT OF THE BUYER BY INTERFACING A BANK ASSOCIATED WITH THE BUYER

6506

PERIODICALLY EXECUTING PAYMENTS FROM THE BUYER TO THE SELLER PER THE TERMS OF THE TRANSACTION IF THE CREDIT ASSESSMENT IS SUCCESSFUL, WHEREIN THE PAYMENTS ARE EXECUTED AUTOMATICALLY BY ACCESSING THE BANK ASSOCIATED WITH THE BUYER AND AUTHORIZING PAYMENTS TO THE SELLER

6508

SENDING THE BUYER ELECTRONIC RECEIPTS VIA THE NETWORK UPON EACH EXECUTION OF A PAYMENT

6510

Figure 65

6600

ALLOWING A BUYER AND A SELLER TO NEGOTIATE PAYMENT
TERMS OF A TRANSACTION INVOLVING GOODS VIA A SITE ON A
NETWORK

6602

COMPARING THE PAYMENTS TERMS AND GOODS WITH OTHER
PAYMENTS TERMS AND GOODS UTILIZING THE NETWORK,
WHEREIN THE COMPARISON IS DISPLAYED

6604

PROVIDING ACCESS TO FORMS UTILIZING THE NETWORK

6606

ALLOWING COMPLETION OF THE FORMS TO REFLECT THE
NEGOTIATED TERMS UTILIZING THE NETWORK

6608

DISPLAYING RULES AND REGULATIONS RELATING TO THE
GOODS UTILIZING THE NETWORK

6610

INITIATING PAYMENT FROM THE BUYER TO THE SELLER
UTILIZING THE NETWORK

6612

Figure 66

6700

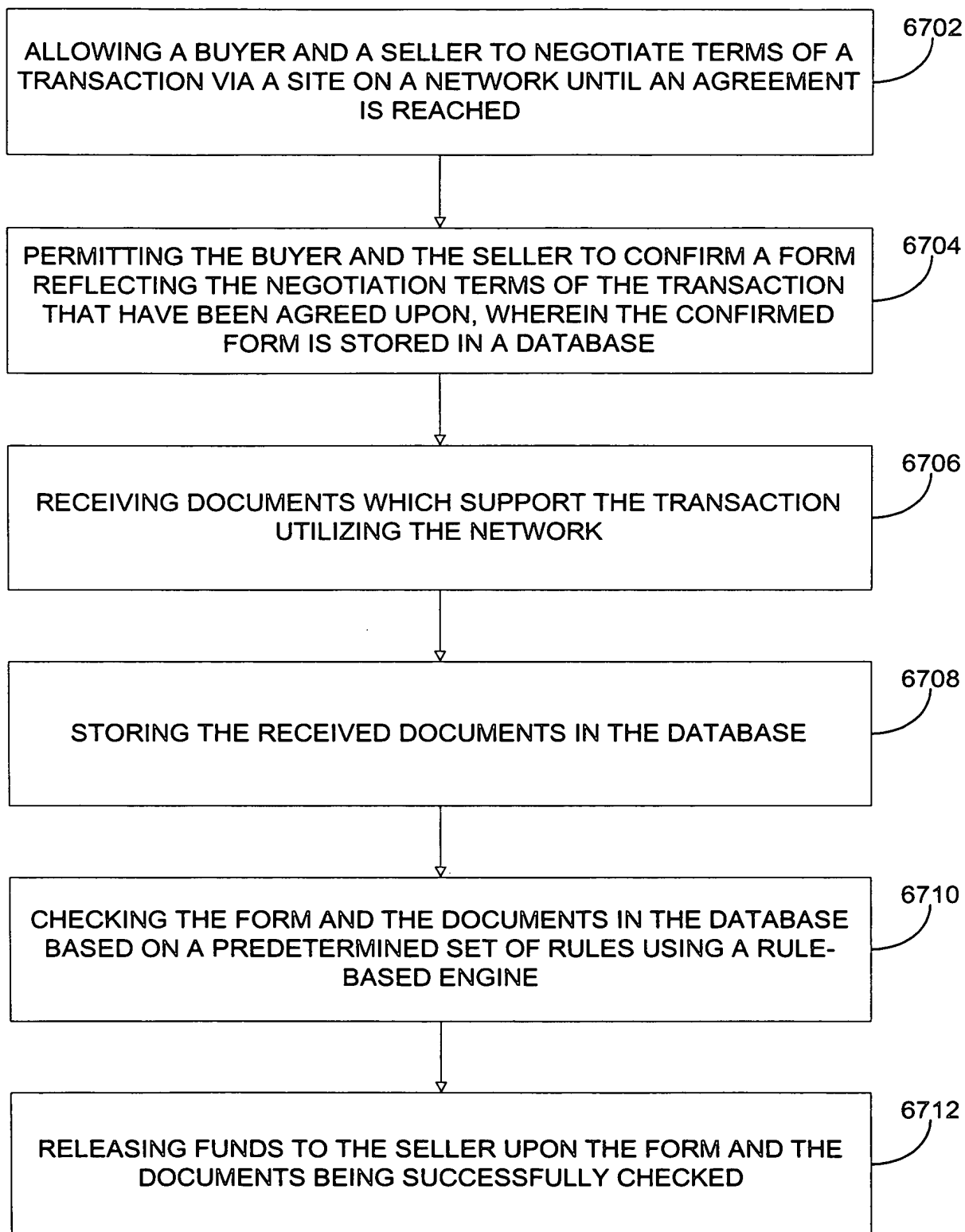


Figure 67



Figure 68

6900

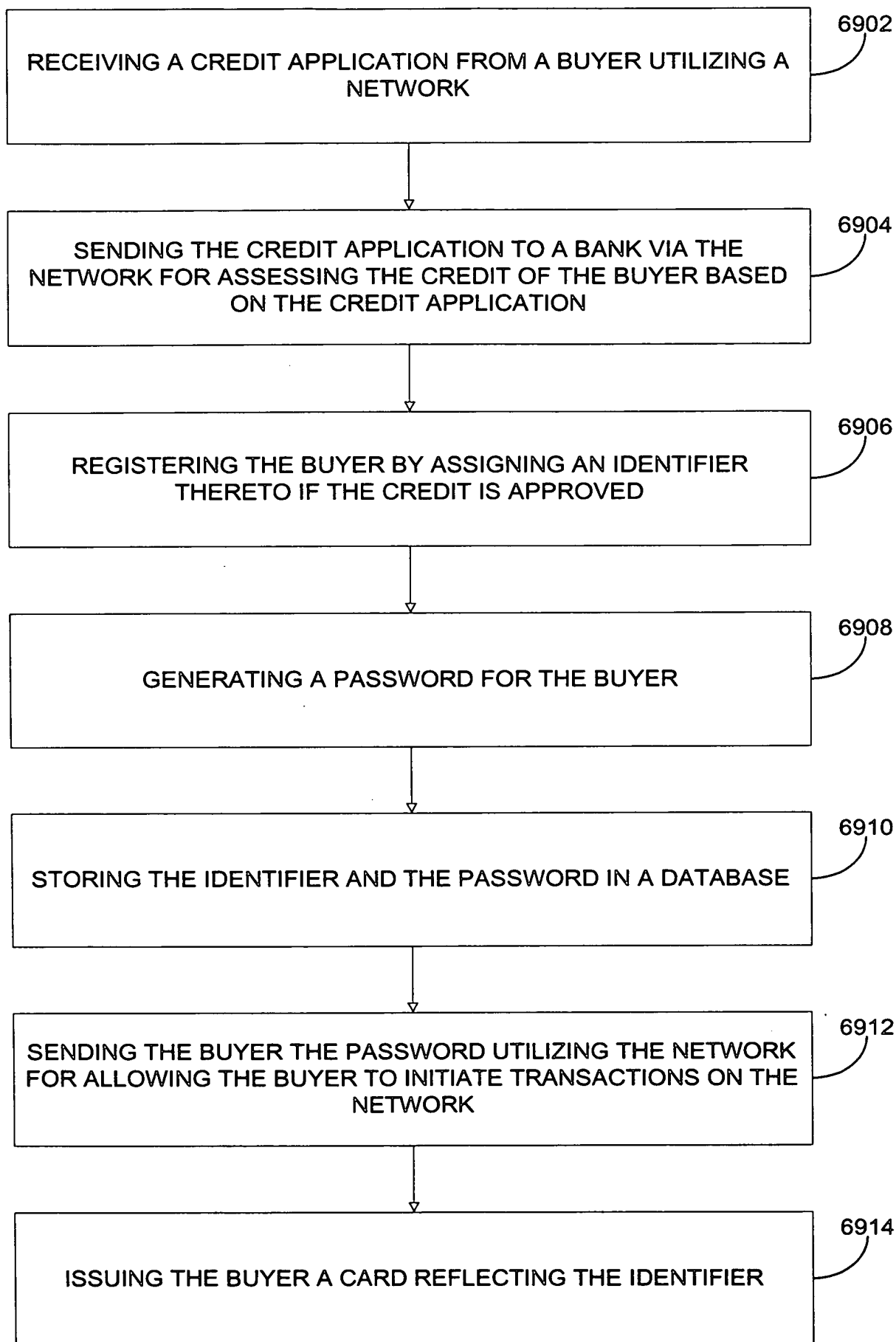


Figure 69

Financing*

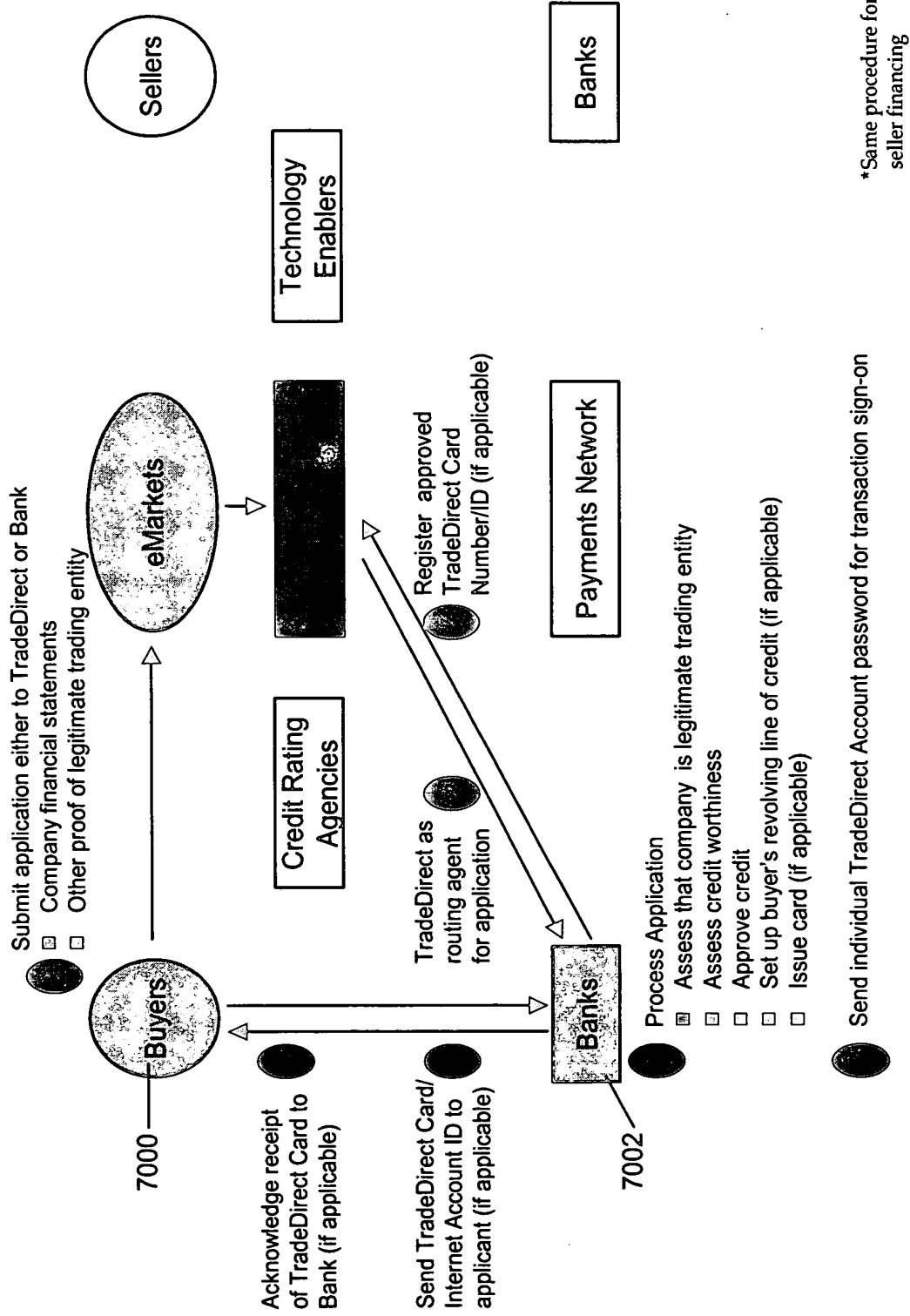


Figure 70

Risk Management

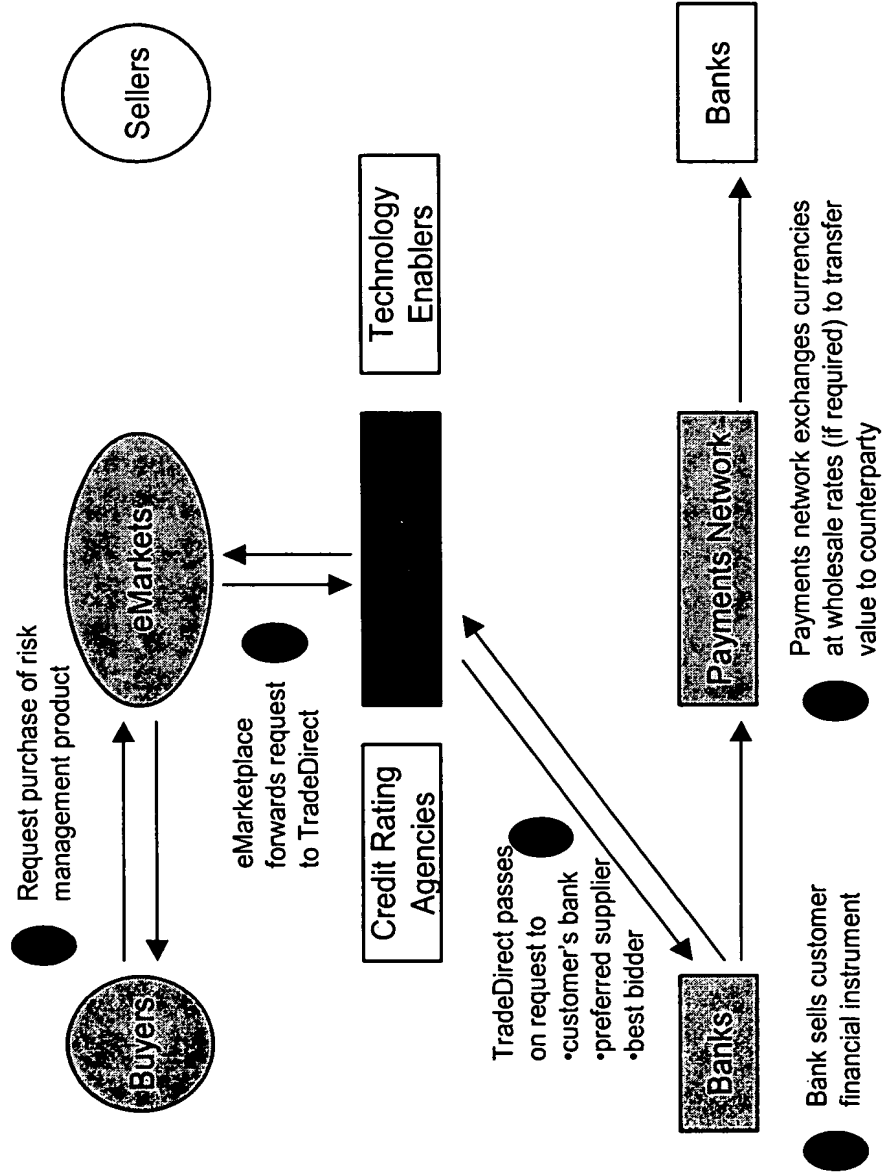


Figure 71

7200

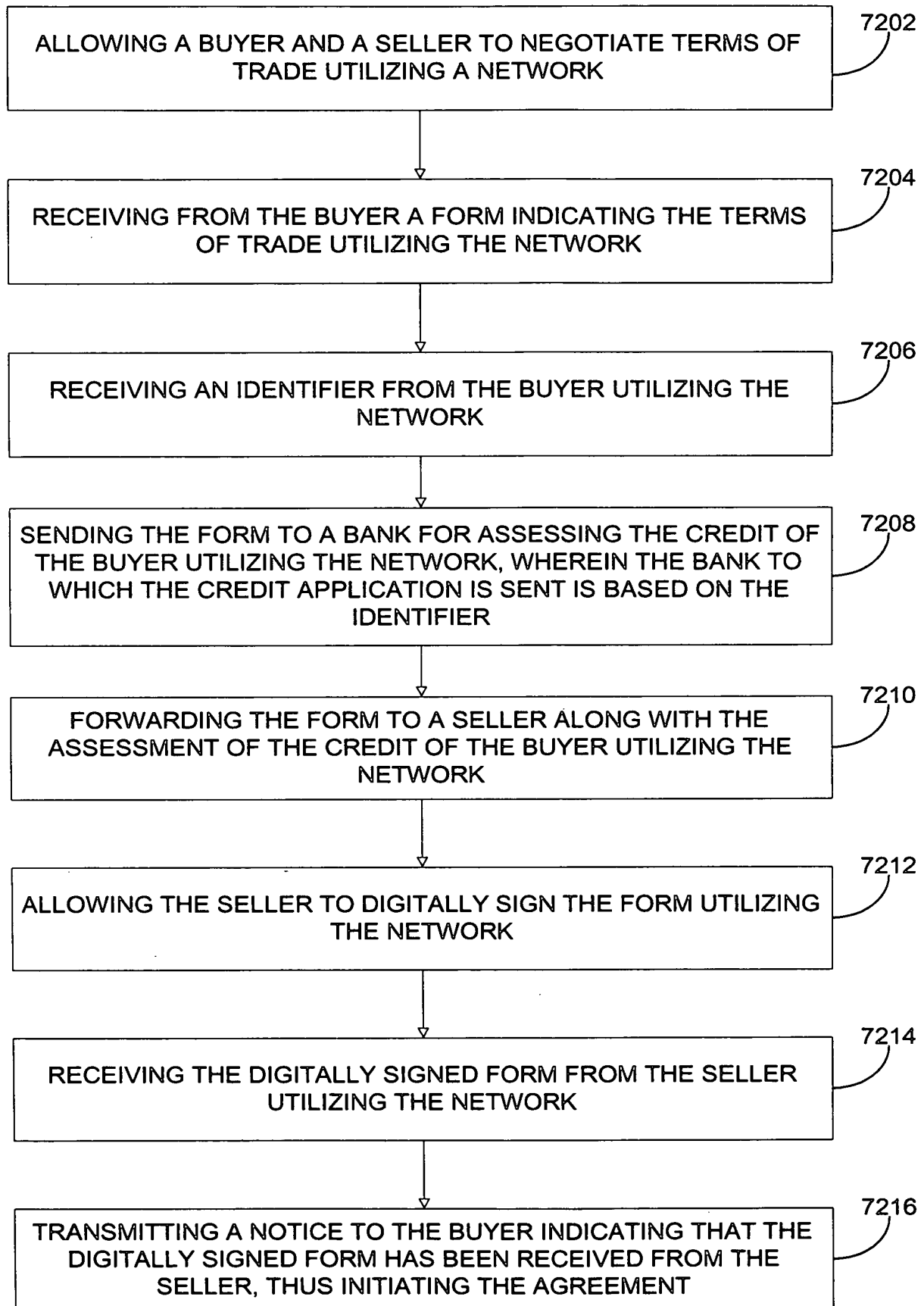


Figure 72

ePayments

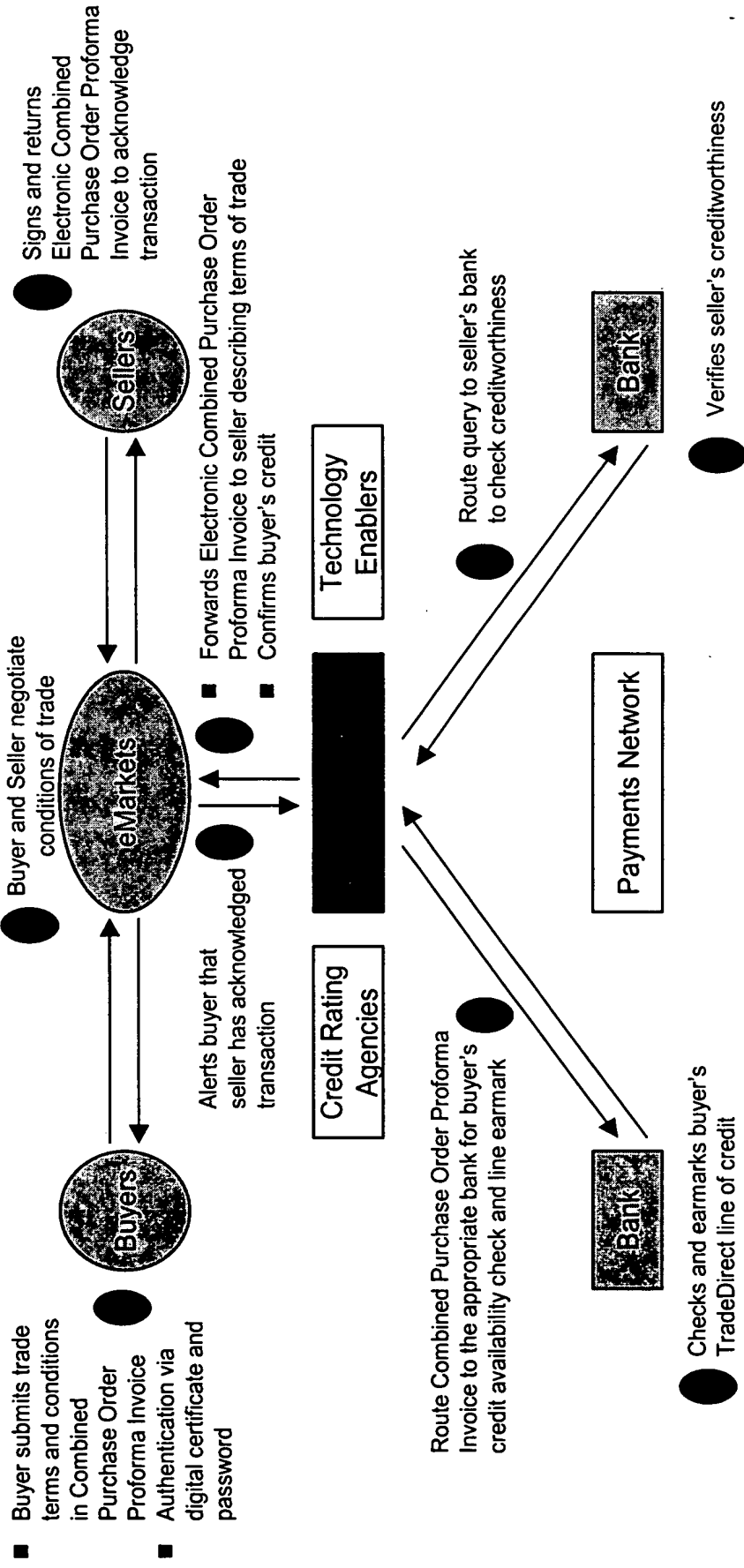


Figure 73

7400

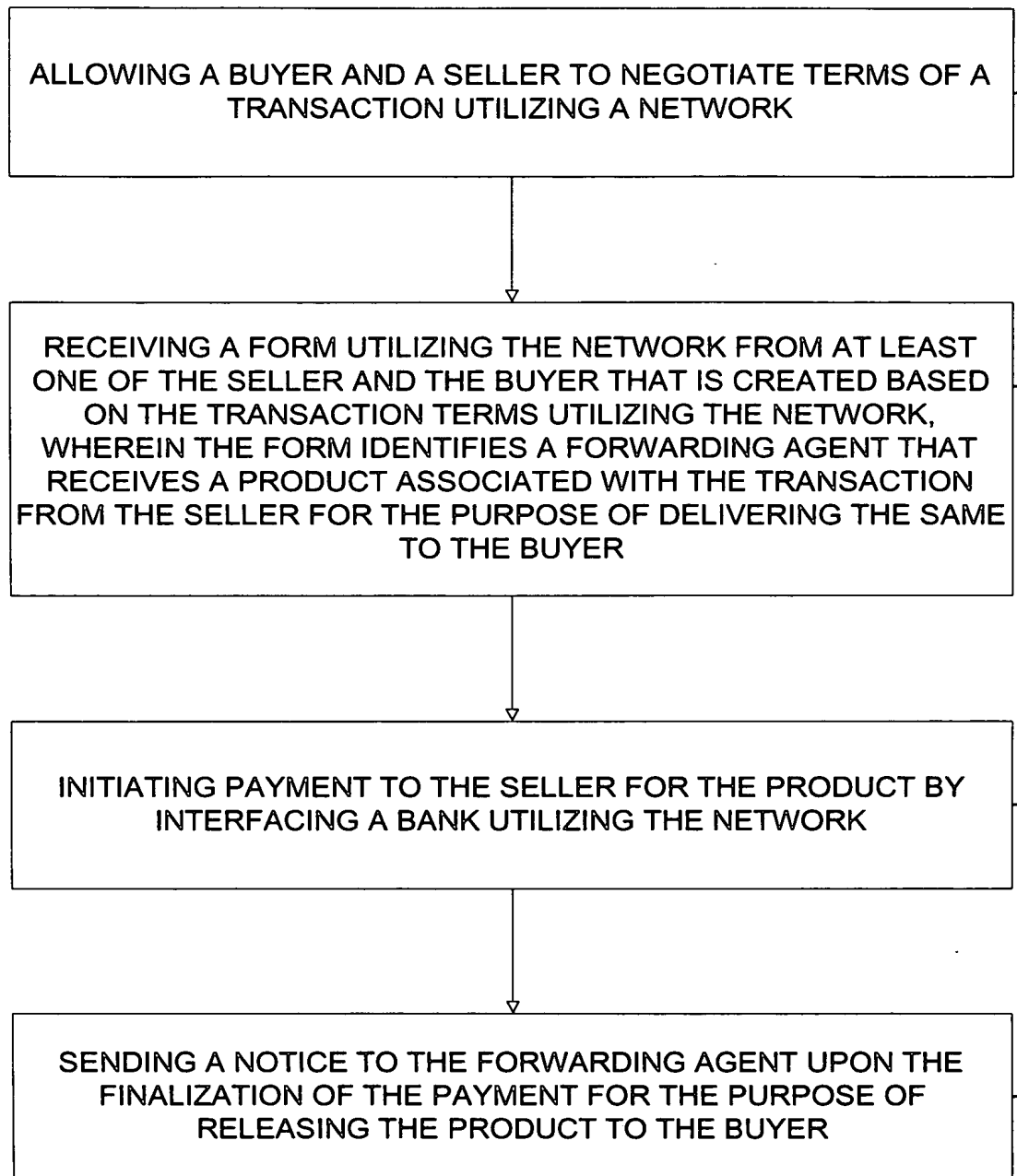


Figure 74

ePayments (Cont.)

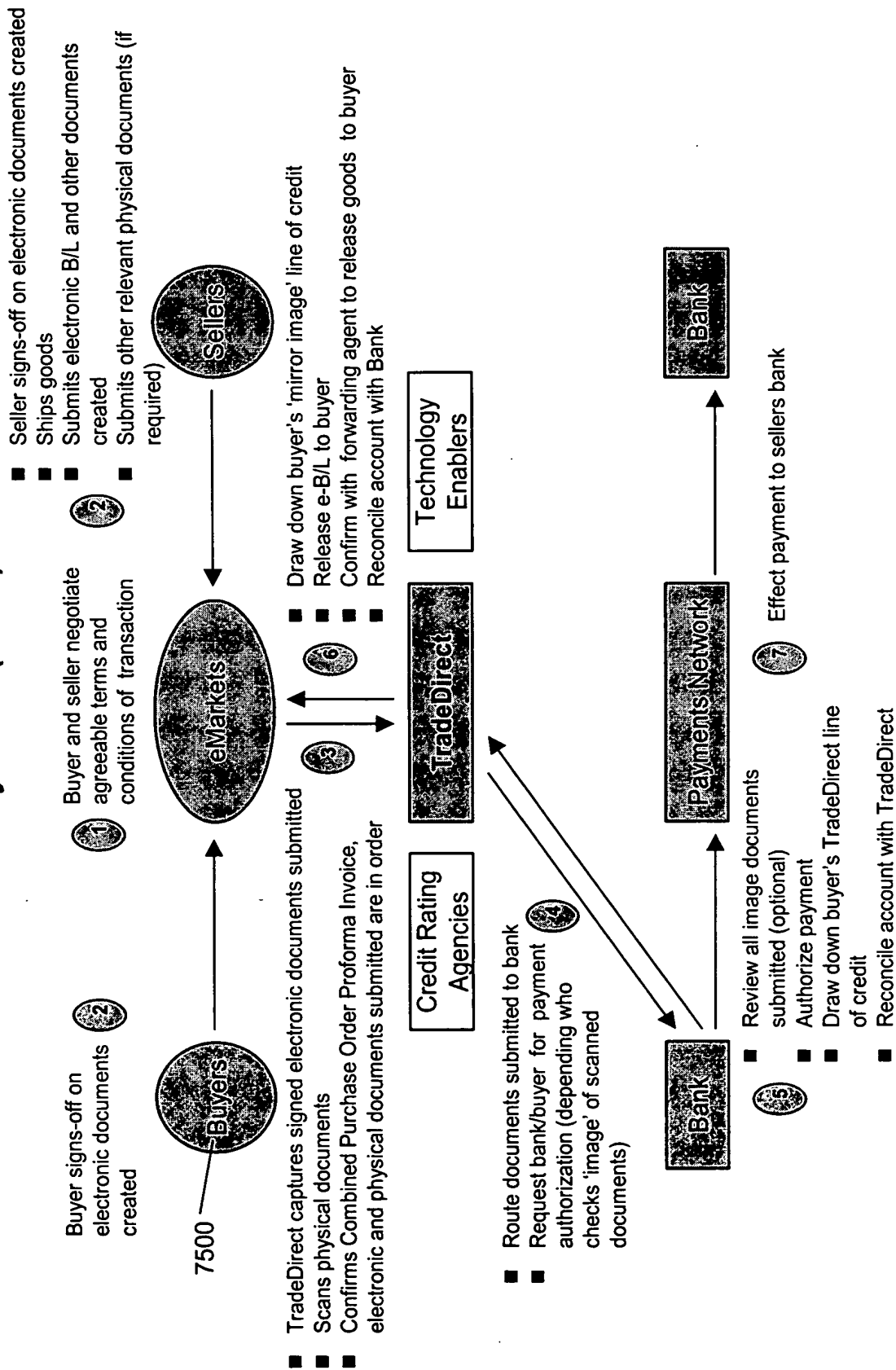


Figure 75

7600

ALLOWING A BUYER AND A SELLER TO NEGOTIATE PAYMENT
TERMS OF A TRANSACTION UTILIZING A SITE ON A NETWORK
AFTER WHICH THE SELLER SHIPS GOODS ASSOCIATED WITH THE
TRANSACTION TO THE BUYER

7602

AUTHENTICATING AN IDENTITY OF THE BUYER UTILIZING THE
NETWORK

7604

RECEIVING AN INDICATION FROM THE BUYER TO PAY THE
SELLER FOR THE GOODS ON THE NETWORK

7606

QUERYING A DATABASE IN ORDER TO RETRIEVE PAYMENT
INFORMATION RELATED TO THE BUYER

7608

INTERFACING A BANK UTILIZING THE NETWORK FOR EFFECTING
PAYMENT TO THE SELLER BASED ON THE PAYMENT
INFORMATION AND THE PAYMENT TERMS

7610

Figure 76

ePayments (Cont.)

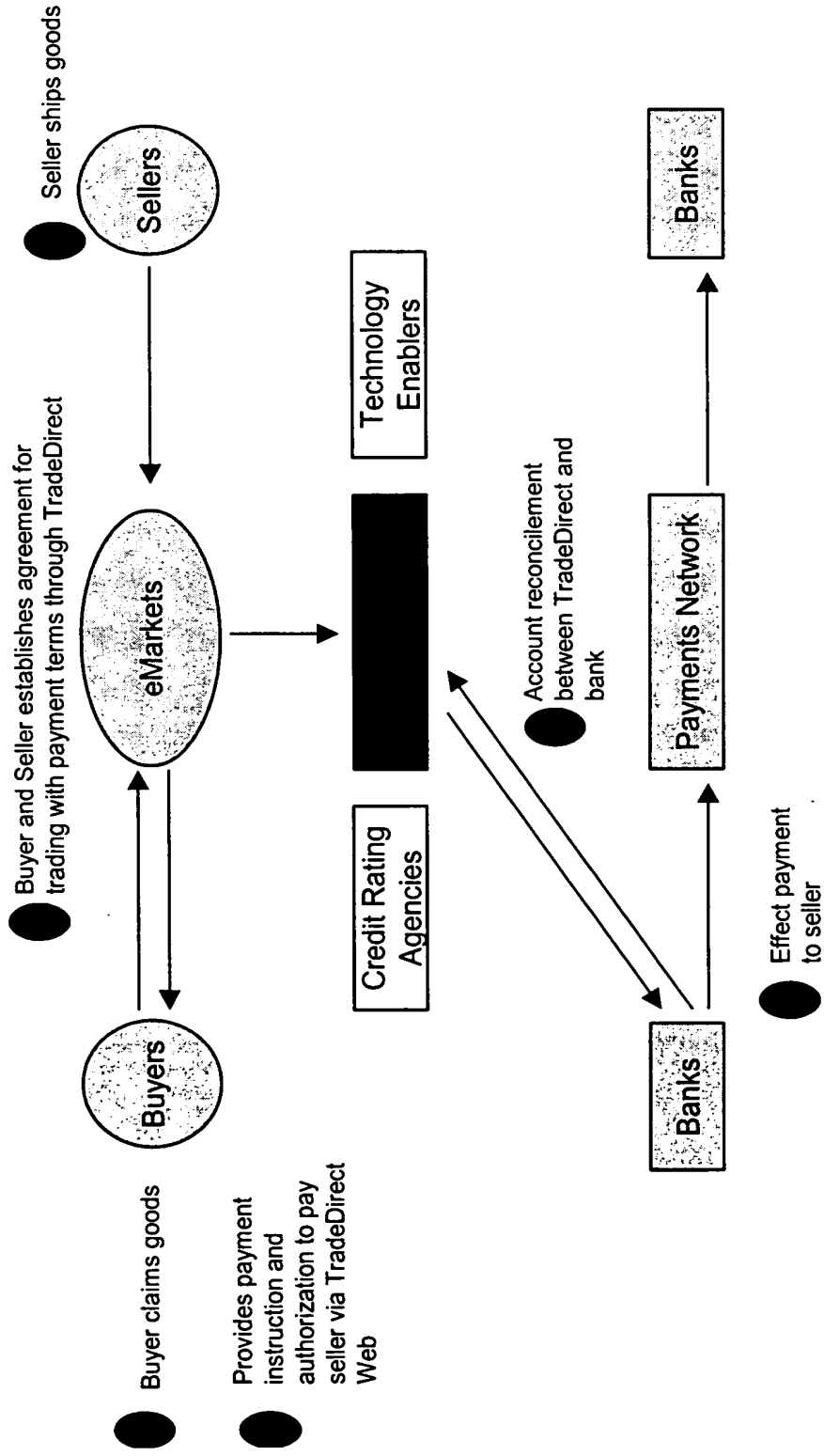


Figure 77

7800

ALLOWING A BUYER TO SELECT FROM A GROUP OF OPTIONS IN ORDER TO SETTLE AN ACCOUNT UTILIZING A NETWORK, WHEREIN THE OPTIONS INCLUDE SETTLING A MINIMUM BALANCE, PARTIALLY SETTLING, SETTLING A FULL BALANCE, AND APPLYING FOR AN IMPORT LOAN ON PAYMENT DUE DATE

7802

RECEIVING THE SELECTED OPTION UTILIZING THE NETWORK

7804

BOOKING FINANCE INTEREST AGAINST THE BUYER FOR AN UNPAID PORTION OF THE ACCOUNT IF THE SELECTED OPTION INCLUDES EITHER SETTLING A MINIMUM BALANCE OR PARTIALLY SETTLING

7806

RECONCILING THE ACCOUNT IF THE SELECTED OPTION INCLUDES SETTLING A FULL BALANCE

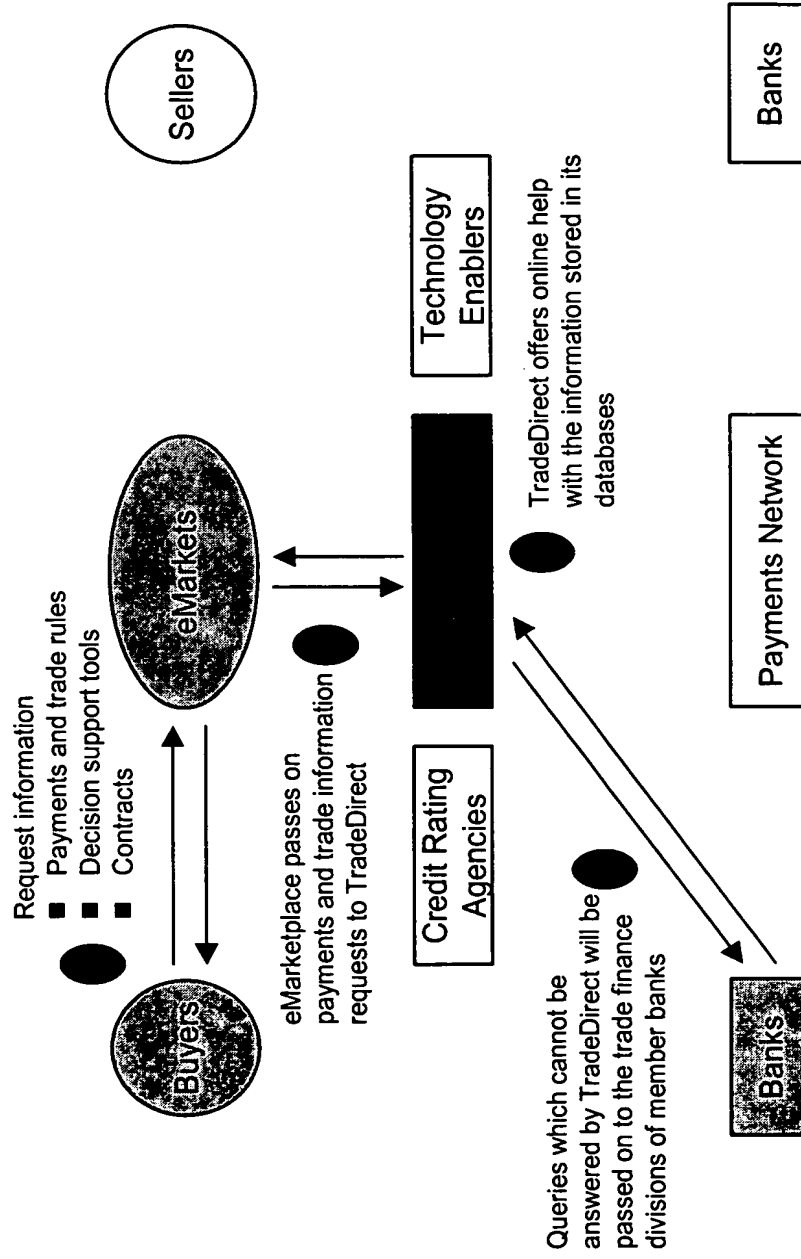
7808

Figure 78



Figure 79

Information*



*: same for buyer or seller

Figure 80

8128

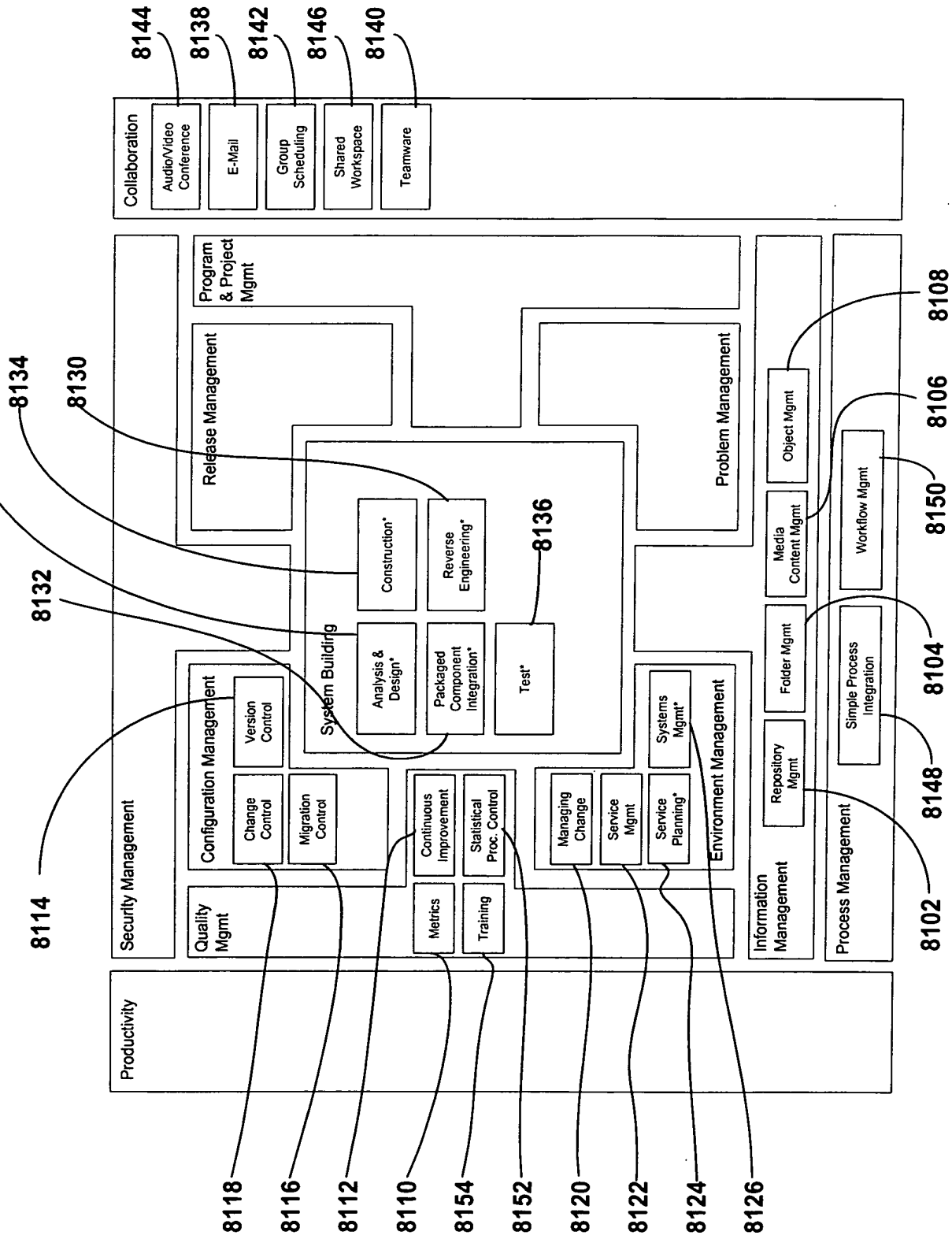


Figure 81

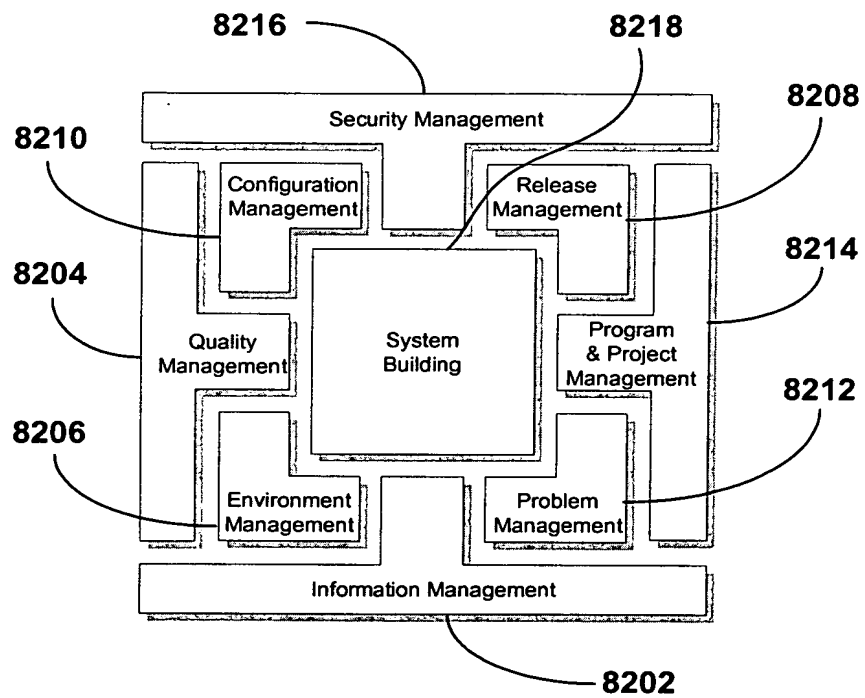


Figure 82

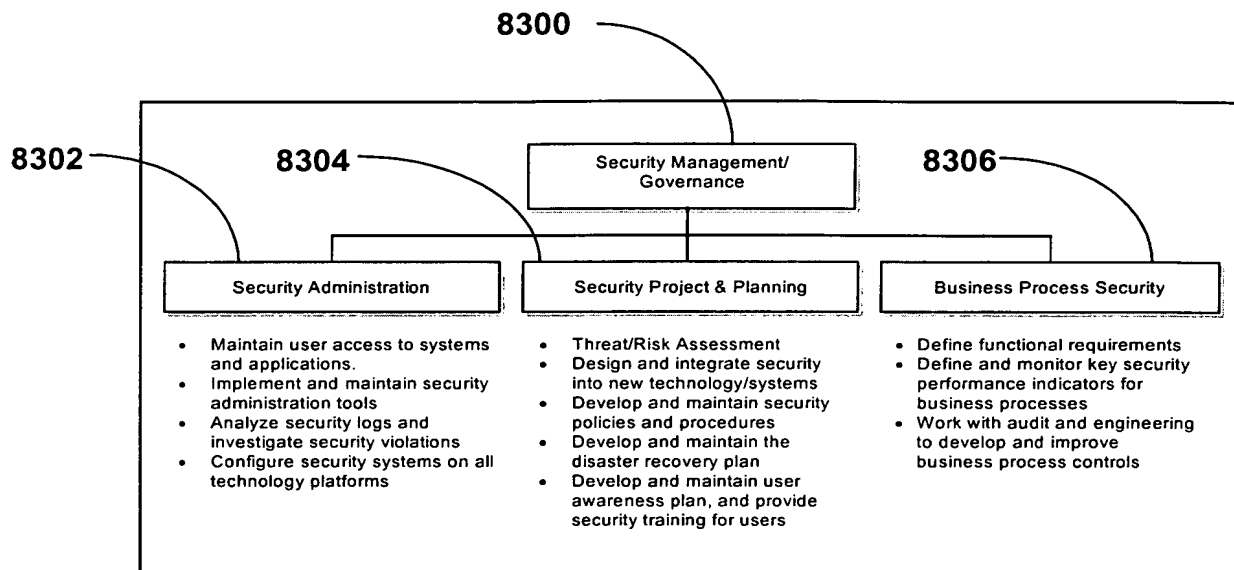


Figure 83

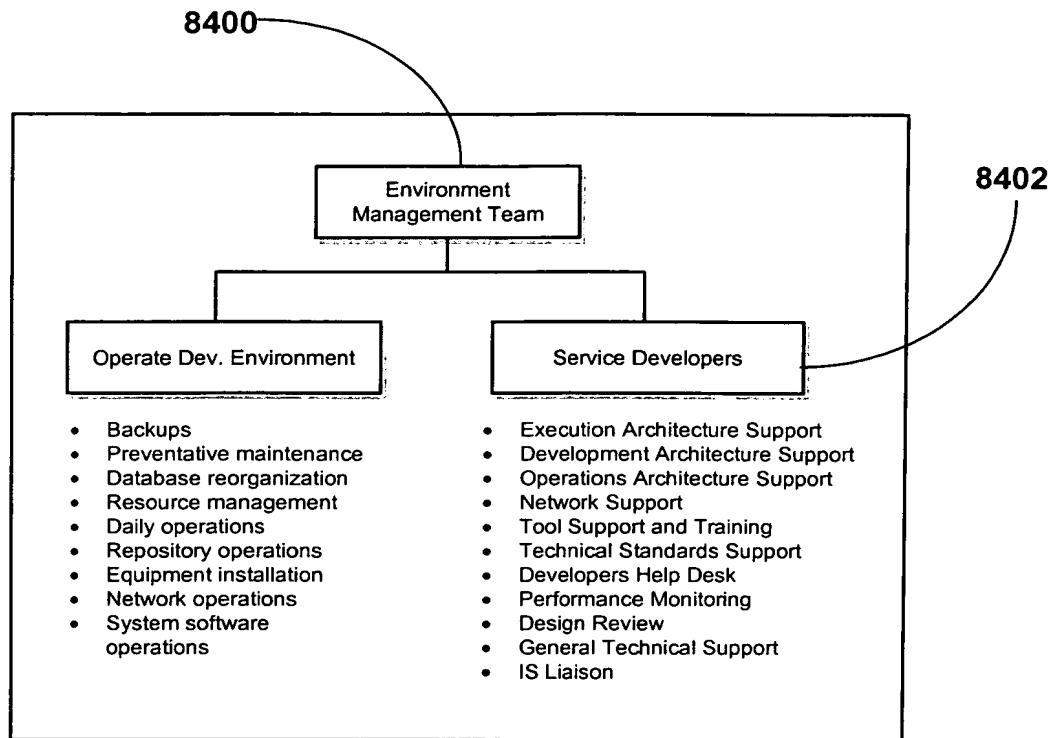


Figure 84

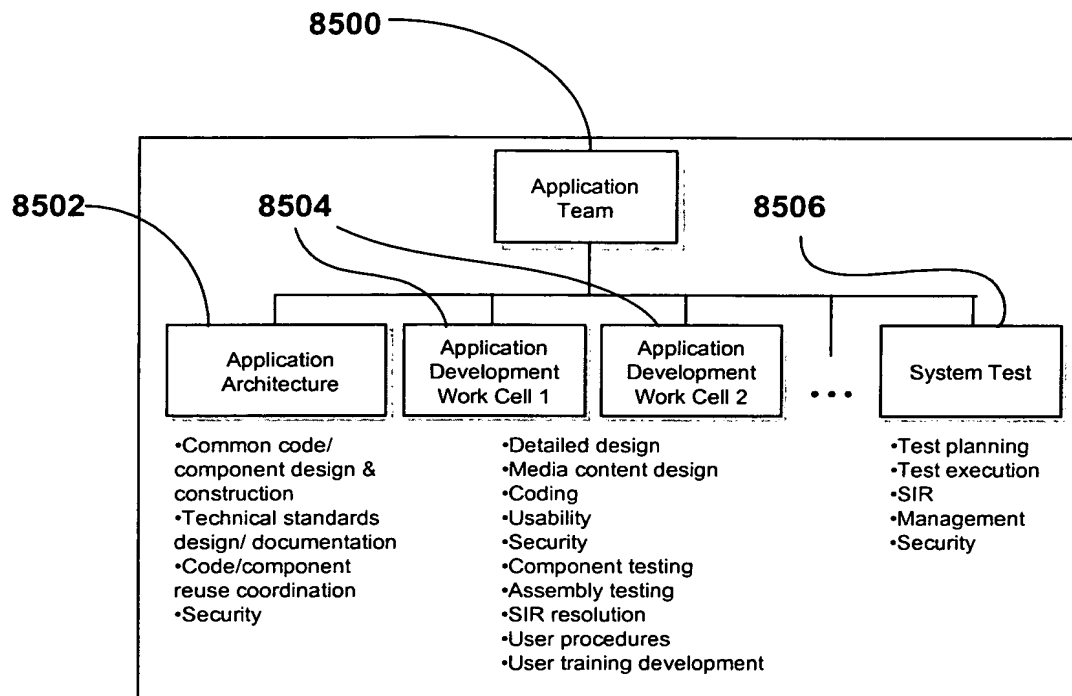


Figure 85

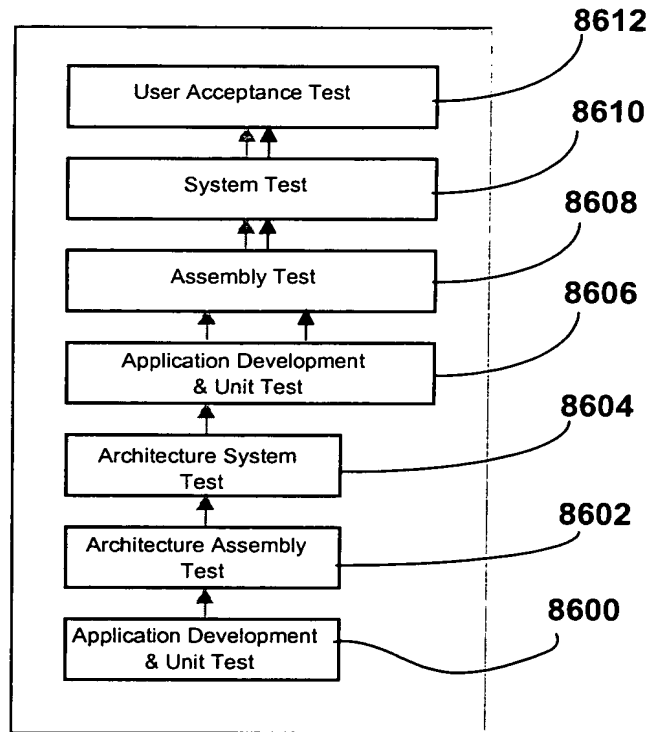


Figure 86

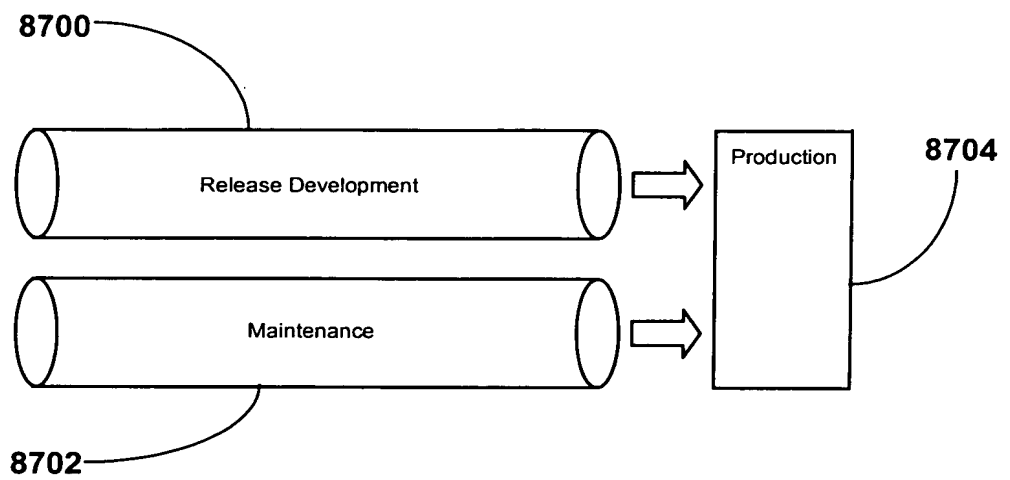


Figure 87

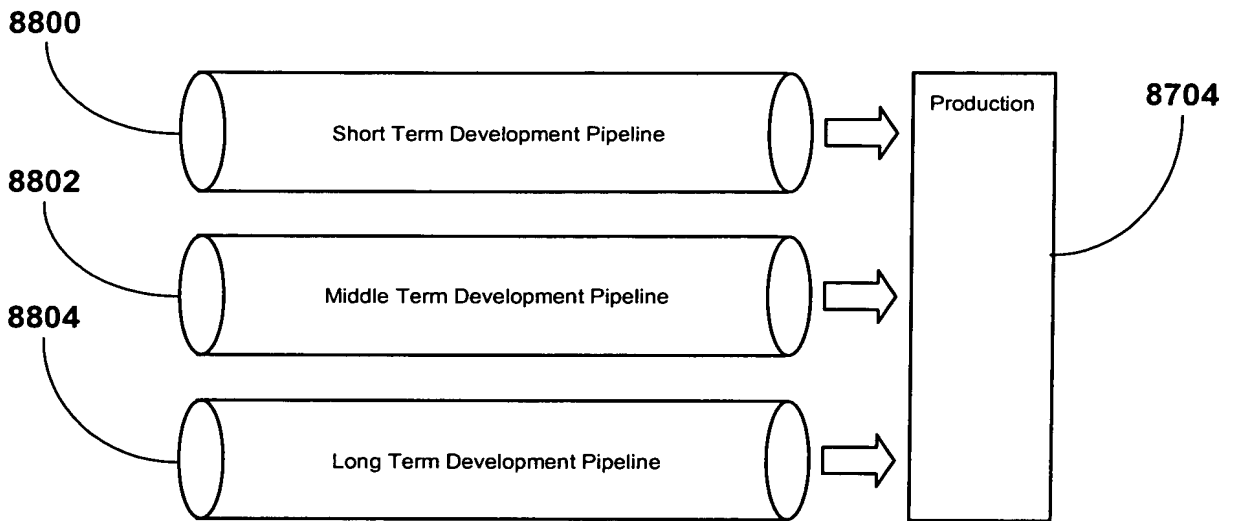


Figure 88

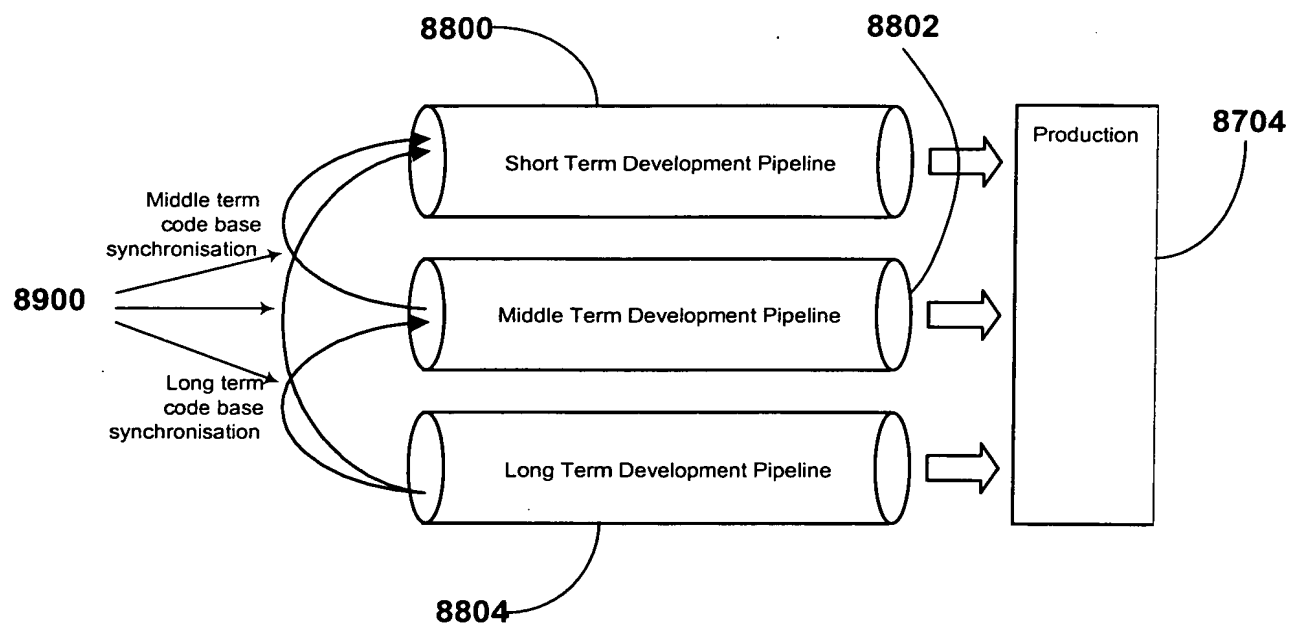


Figure 89

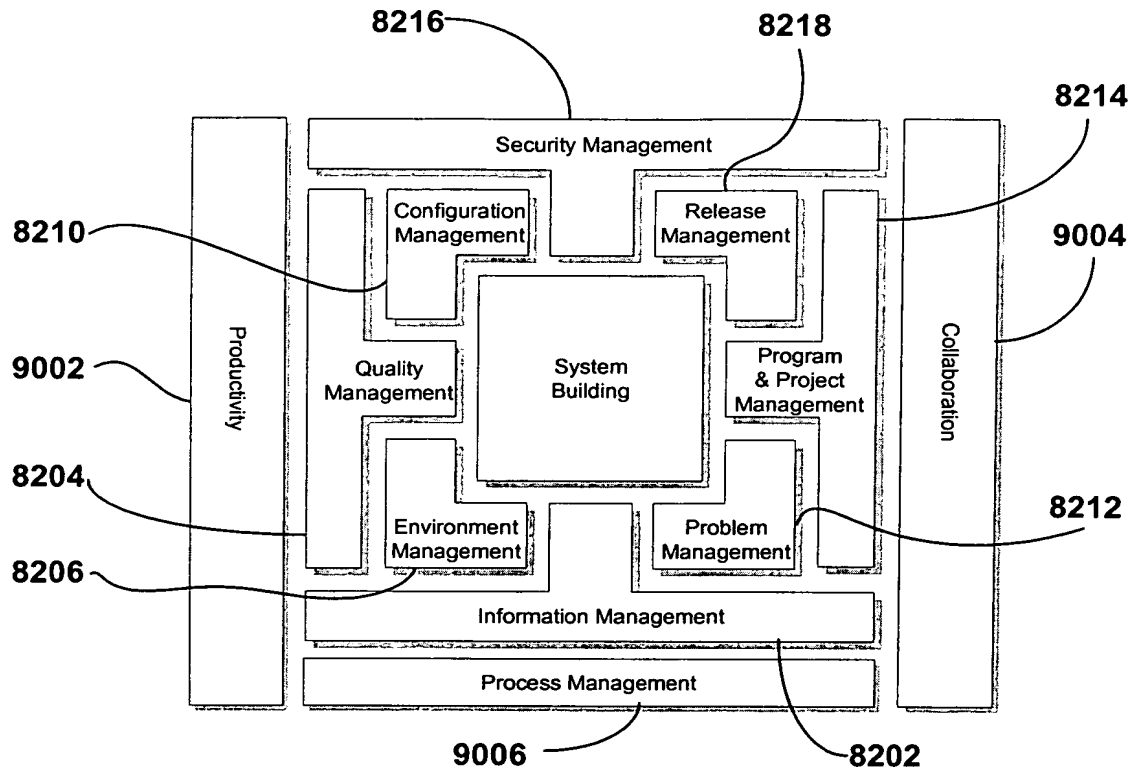


Figure 90

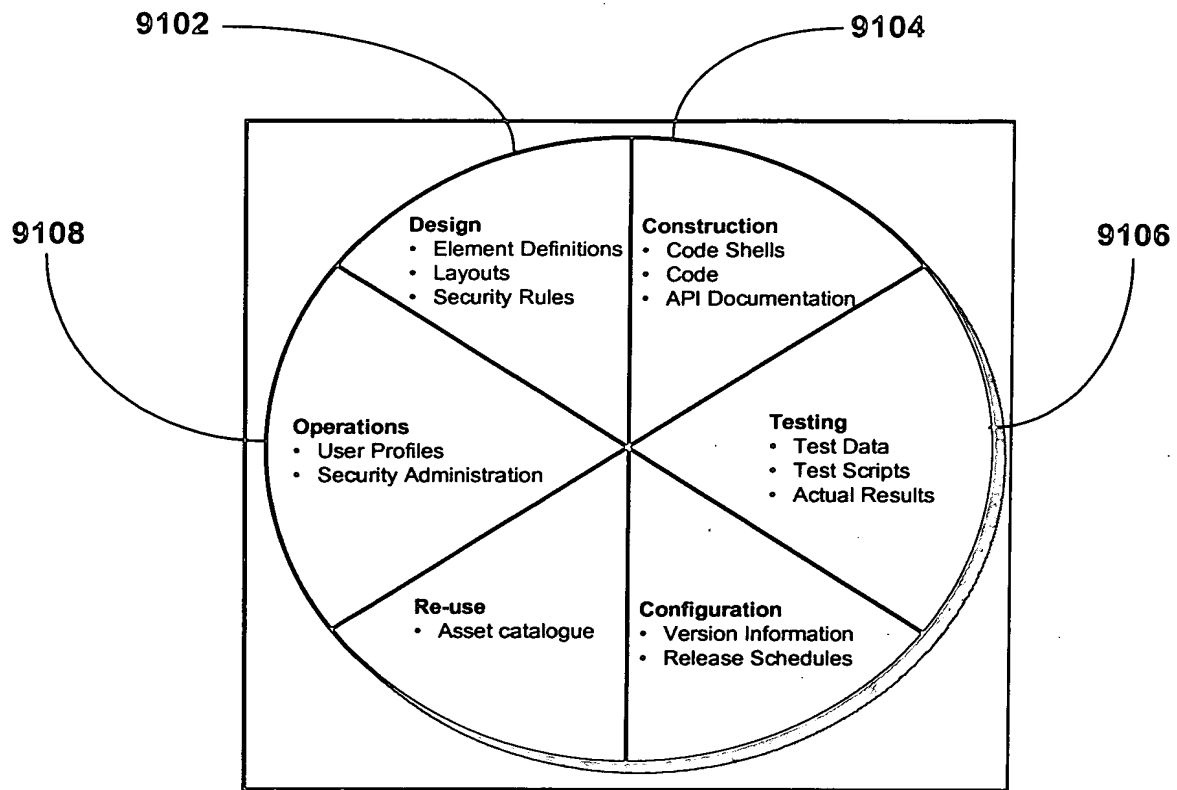


Figure 91

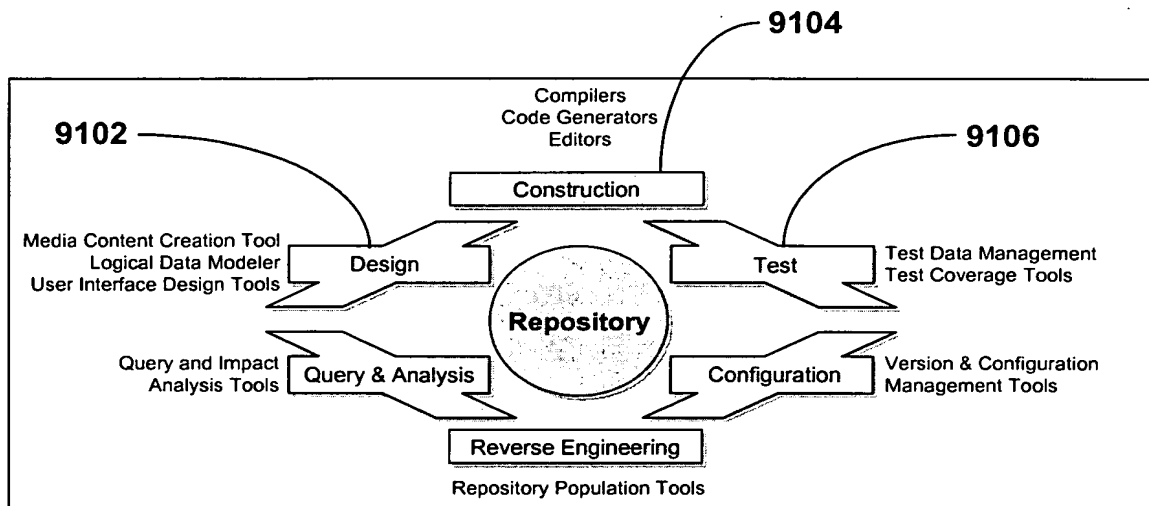


Figure 92

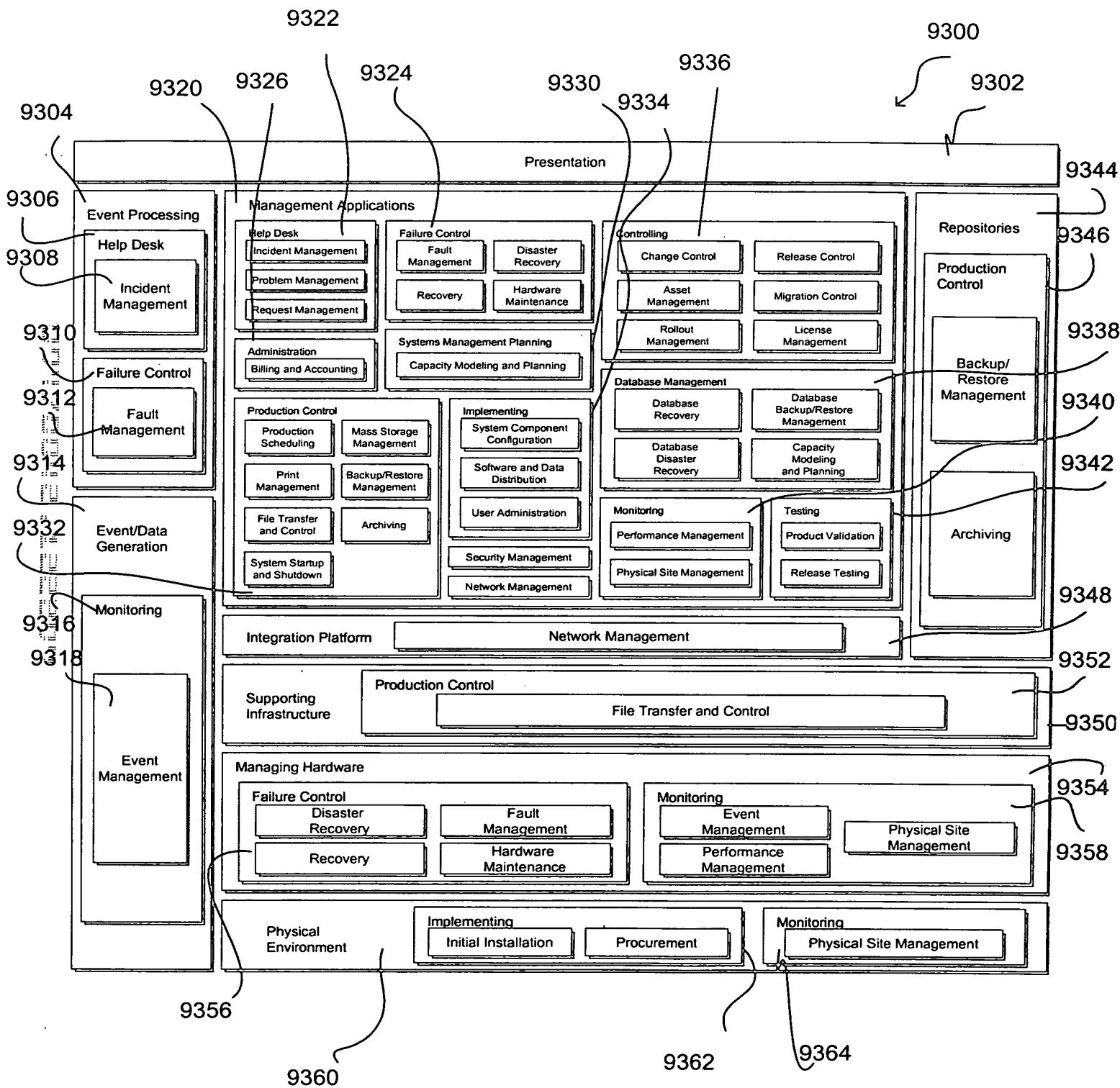


Figure 93

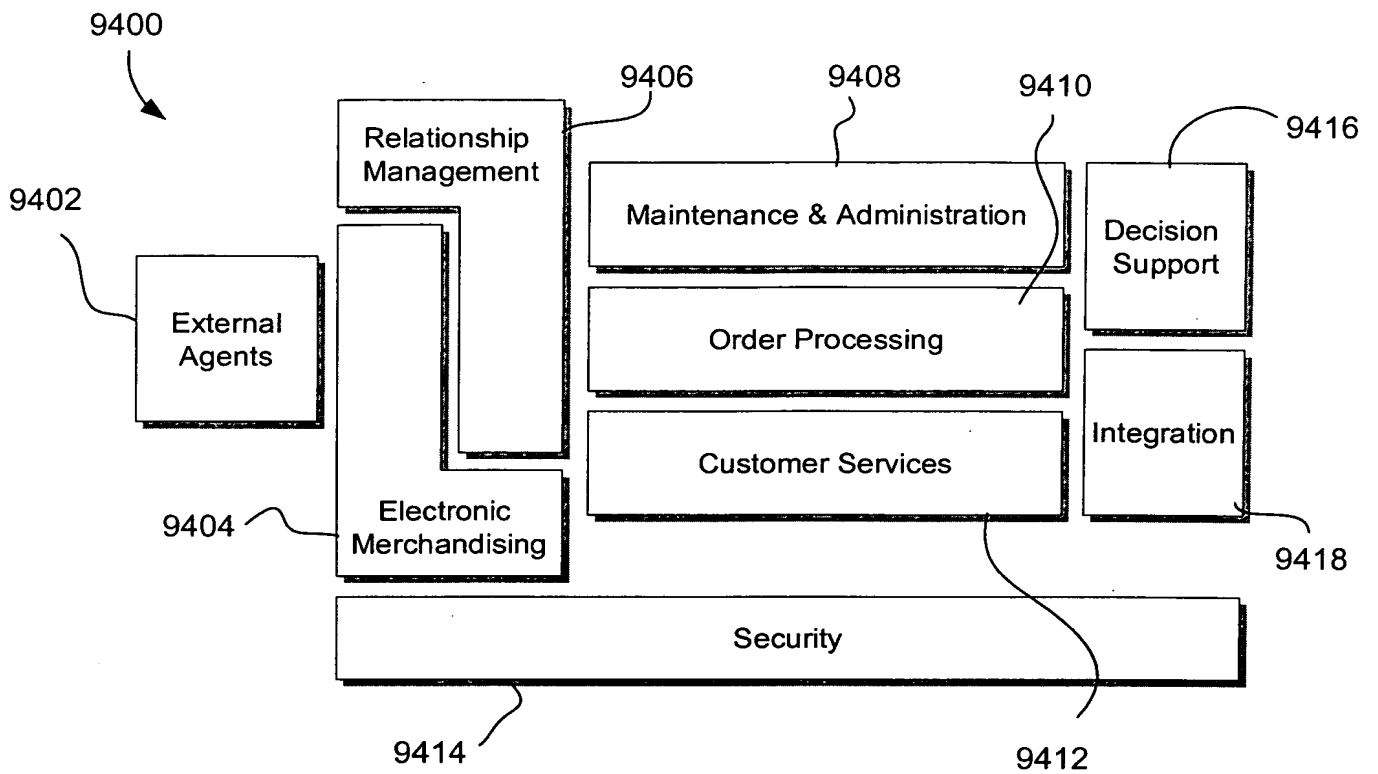


Figure 94

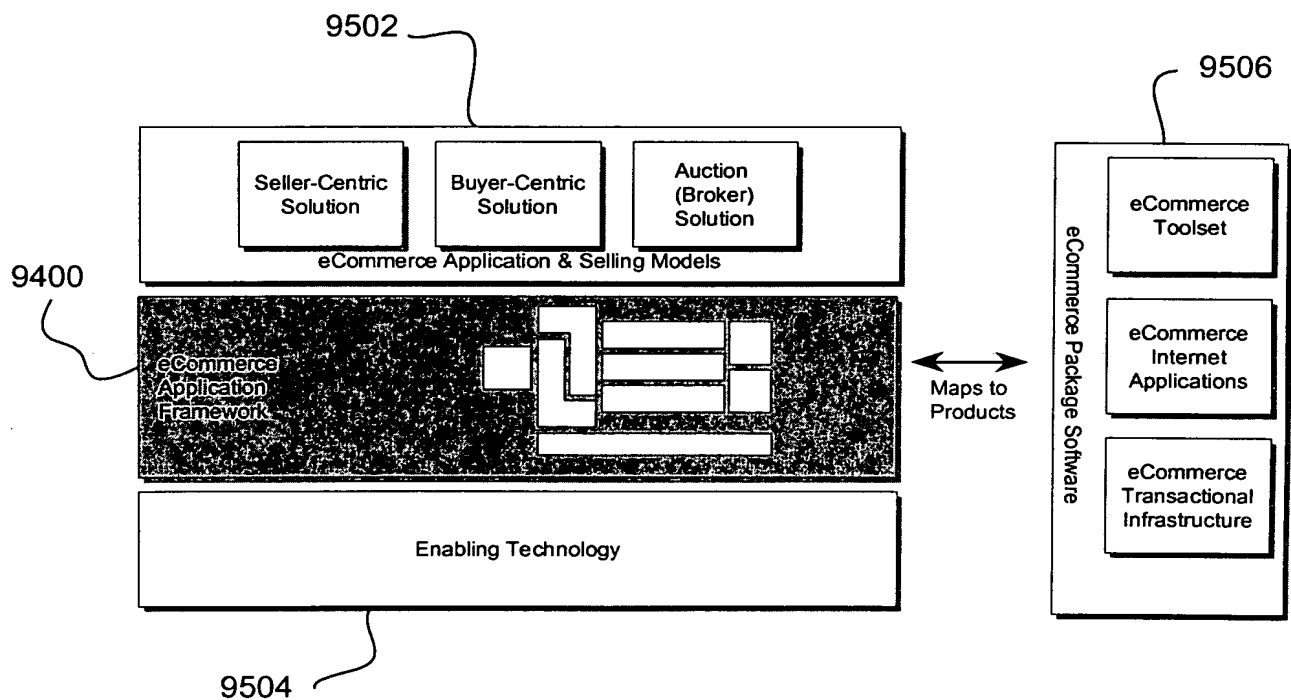


Figure 95

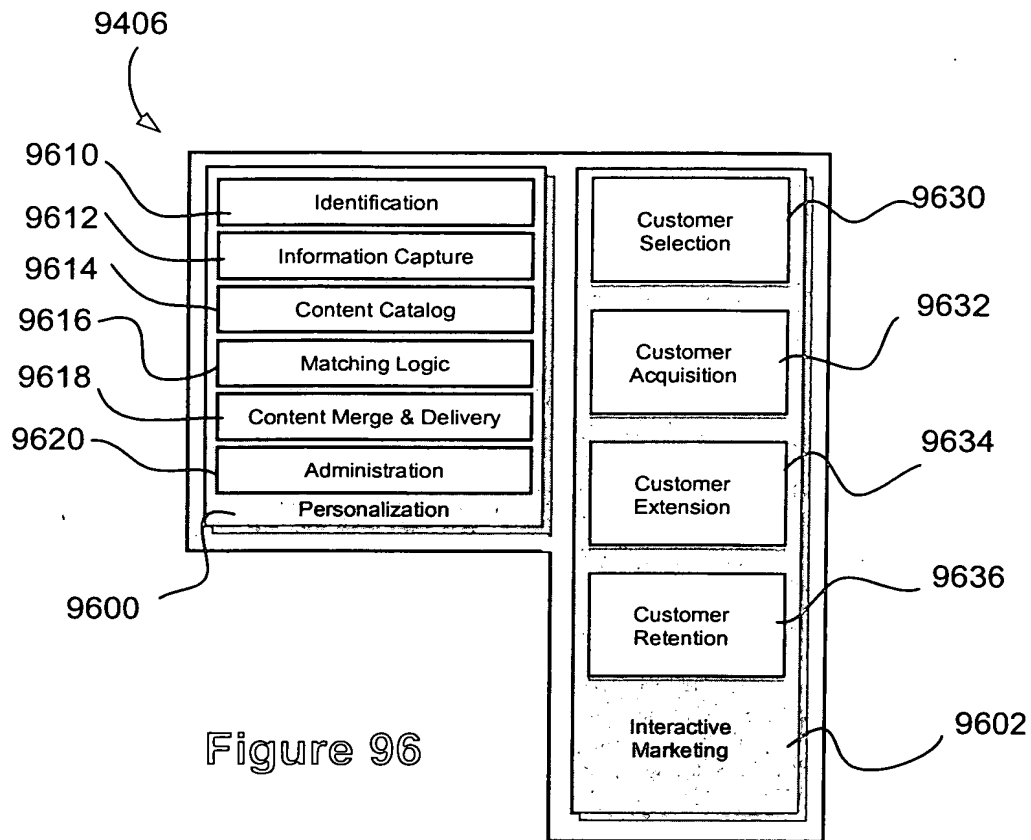


Figure 96

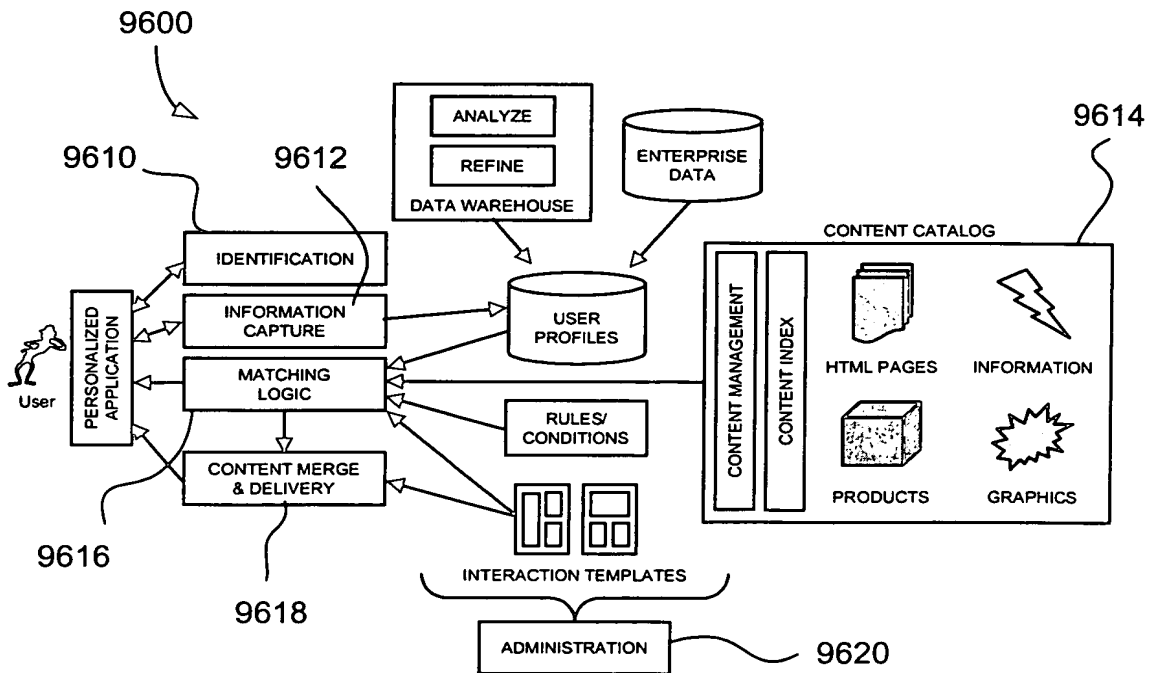


Figure 97

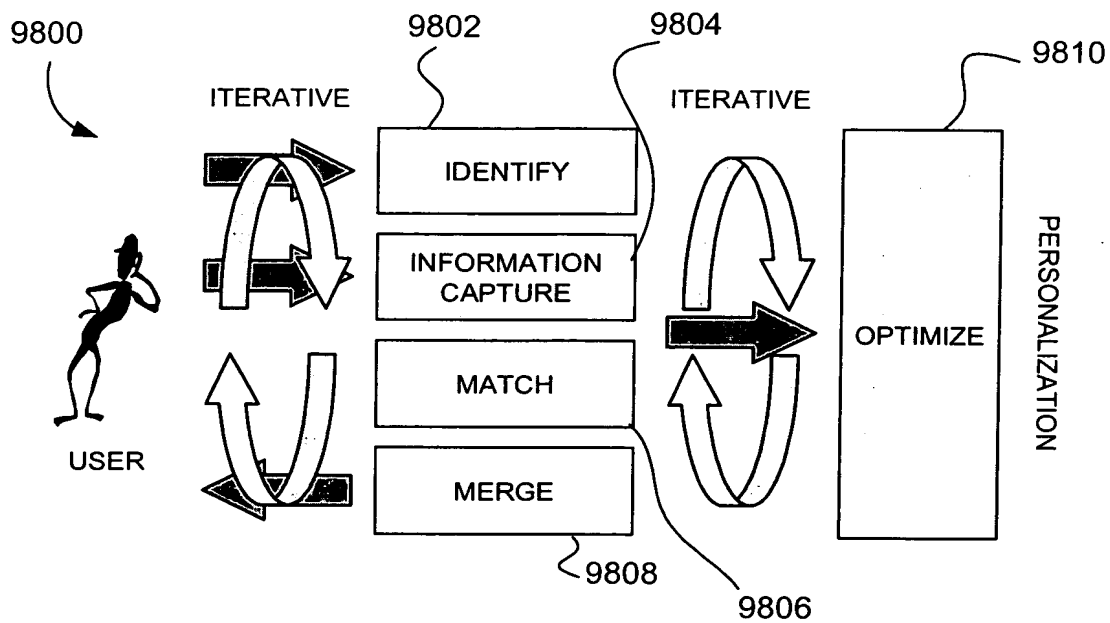


Figure 98

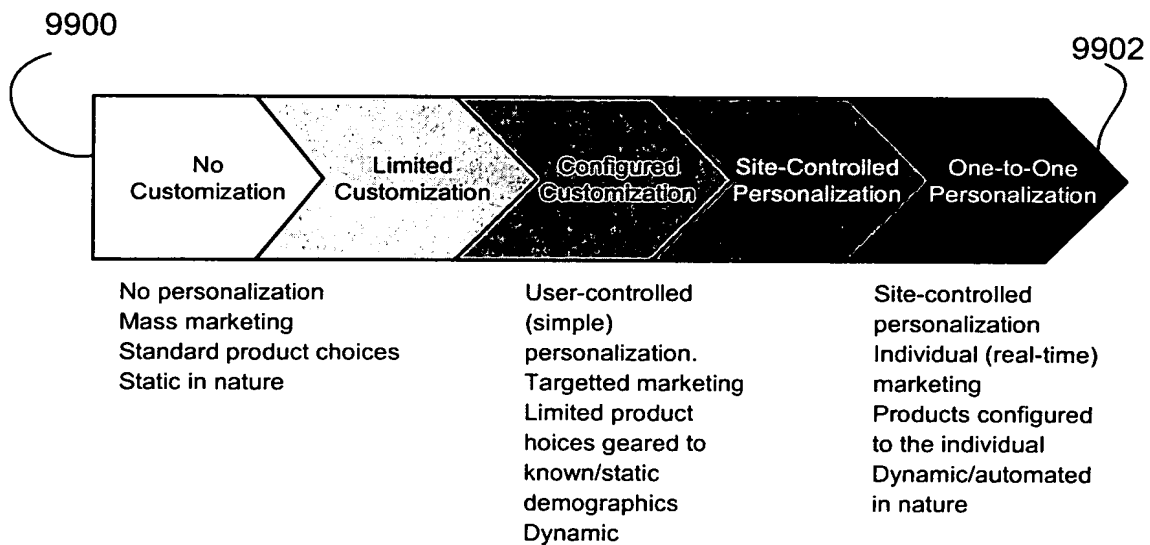


Figure 99

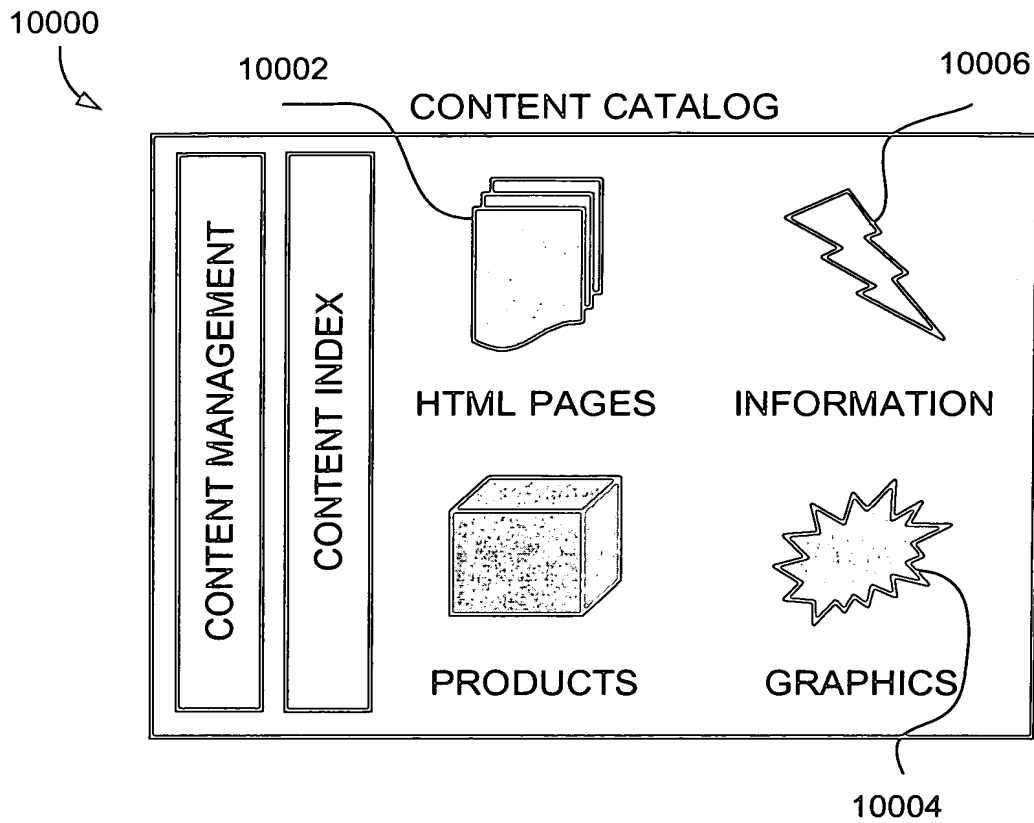


Figure 100

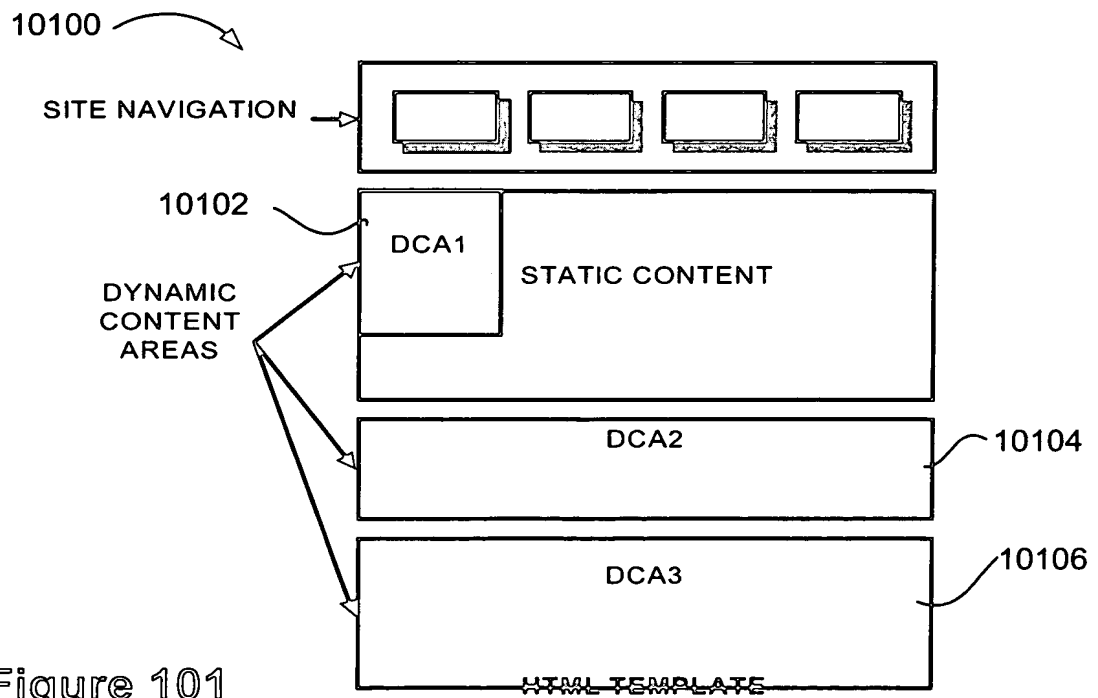


Figure 101

10300

MONITORING OPERATION OF ENTITIES SELECTED FROM THE GROUP CONSISTING OF SERVER PROCESSES, DISK SPACE, MEMORY AVAILABILITY, CPU UTILIZATION, ACCESS TIME TO A SERVER, AND A NUMBER OF CONNECTIONS IN AN E-COMMERCE SYSTEM

10302

UPDATING ITEMS SELECTED FROM THE GROUP CONSISTING OF MERCHANDISING CONTENT, CURRENCY EXCHANGE RATES, TAX RATES, AND PRICING IN THE E-COMMERCE SYSTEM AT PREDETERMINED INTERVALS

10304

SYNCHRONIZING EXTERNAL DATA STORED SEPARATELY FROM THE ECOMMERCE SYSTEM WITH INTERNAL DATA STORED ON THE E-COMMERCE SYSTEM

10306

MANAGING CONTACT INFORMATION RECEIVED FROM USERS OF THE E-COMMERCE SYSTEM

10308

ALTERING THE ITEMS BASED ON PROFILES OF THE USERS OF THE E-COMMERCE SYSTEM

10310

Figure 103

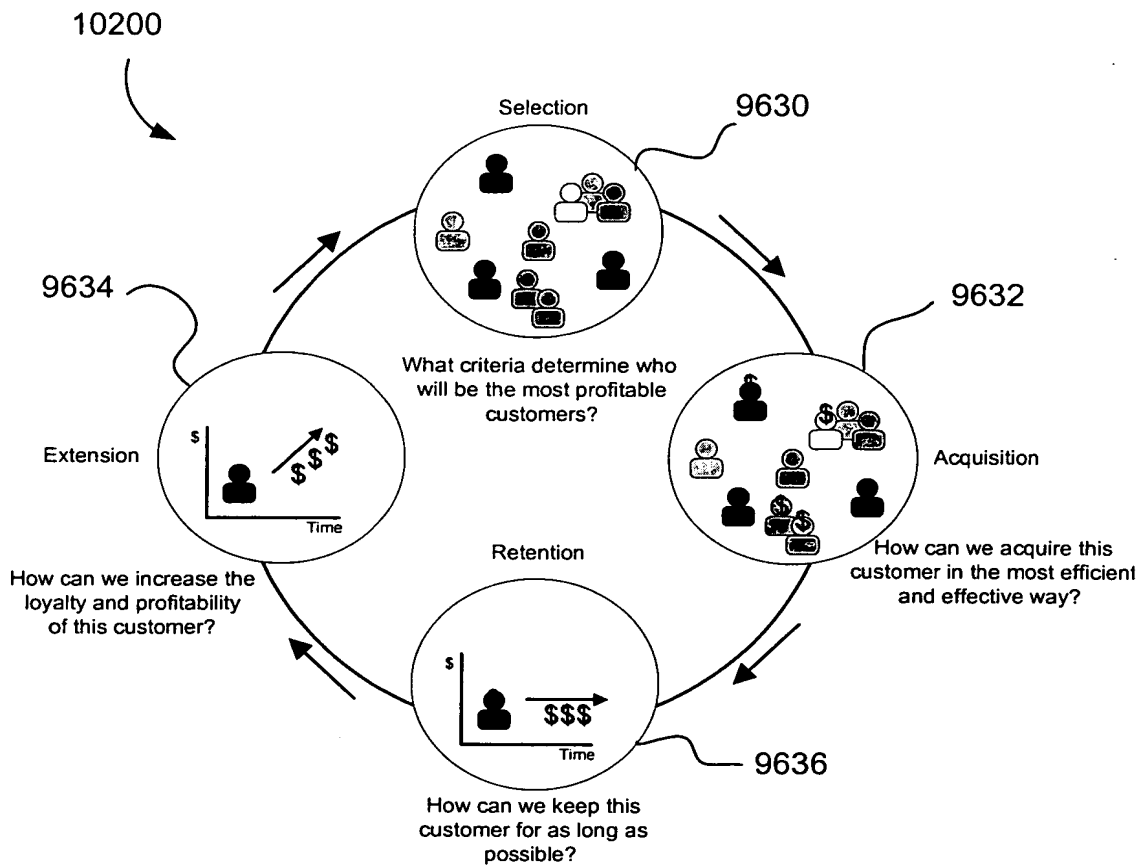


Figure 102

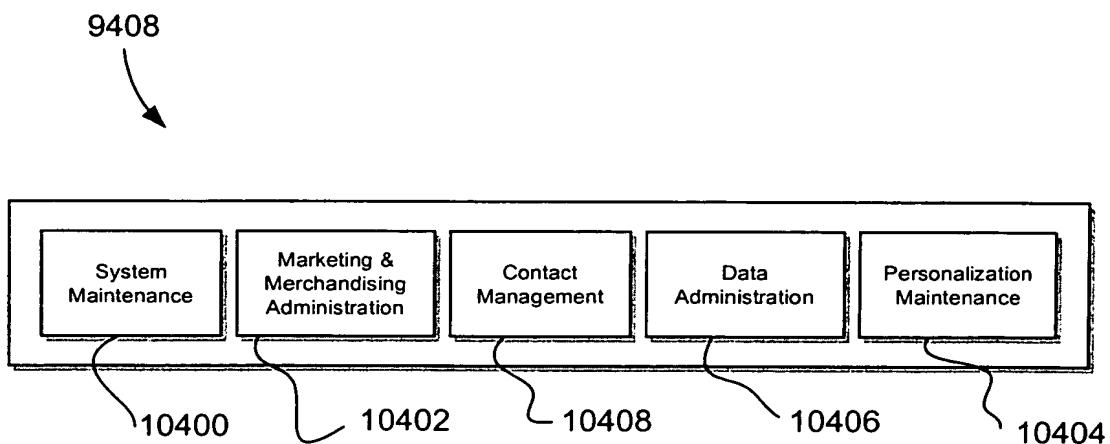


Figure 104

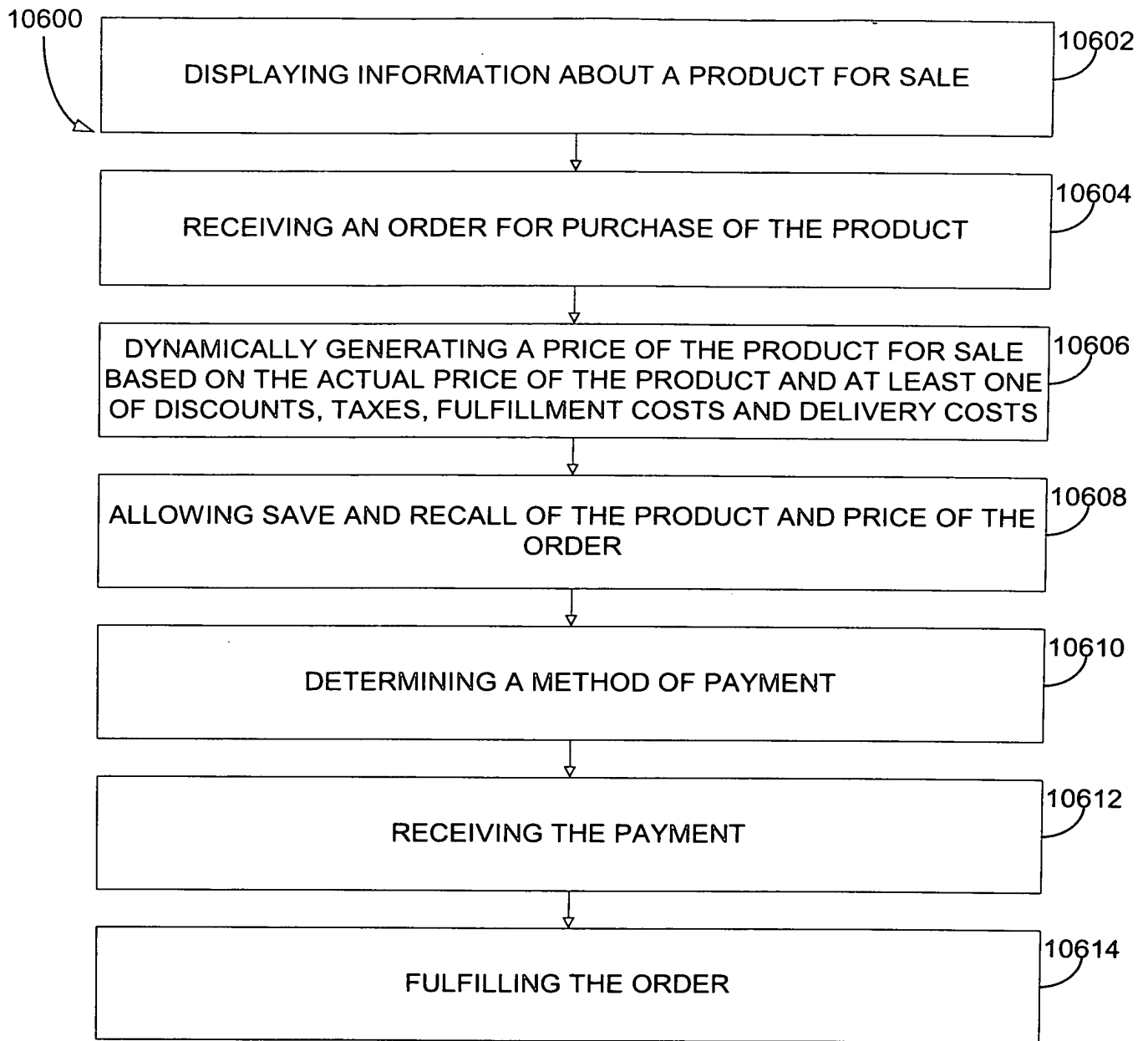


Figure 106

9410

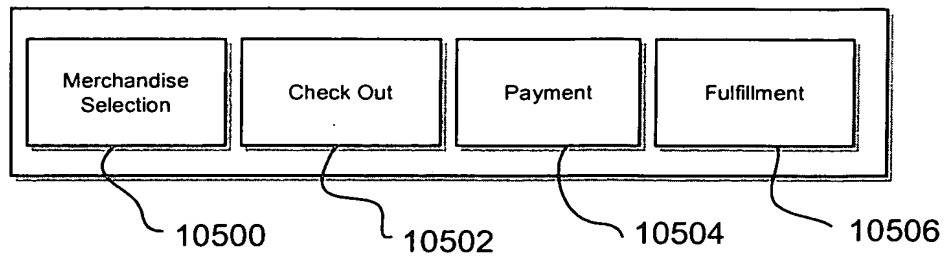


Figure 105

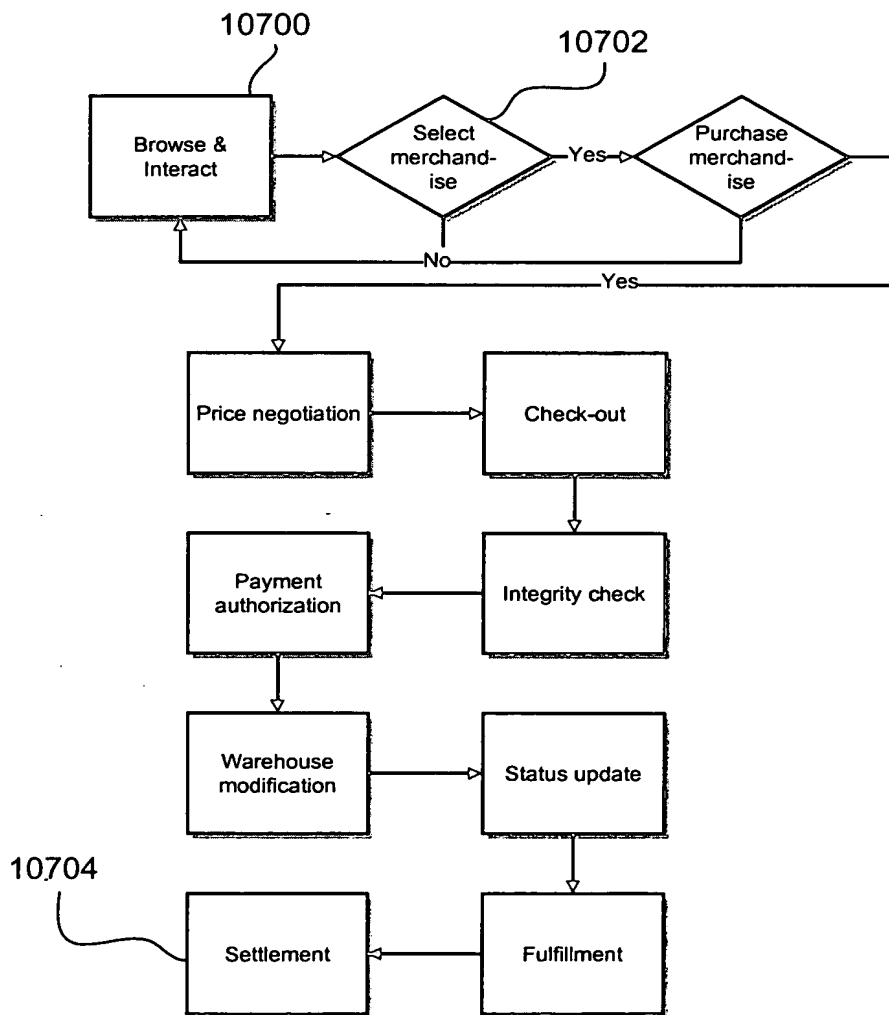


Figure 107

10800

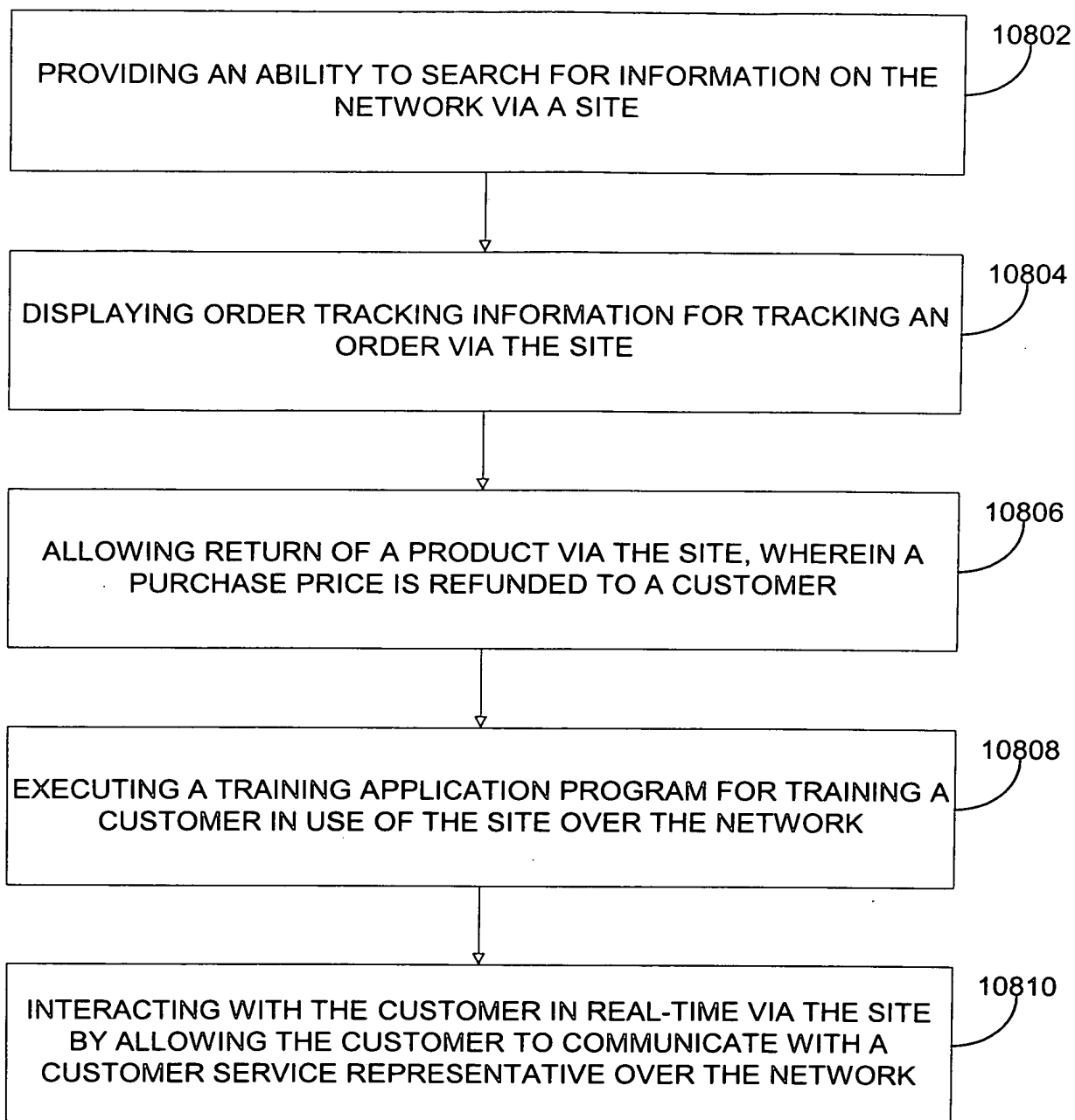


Figure 108

9412

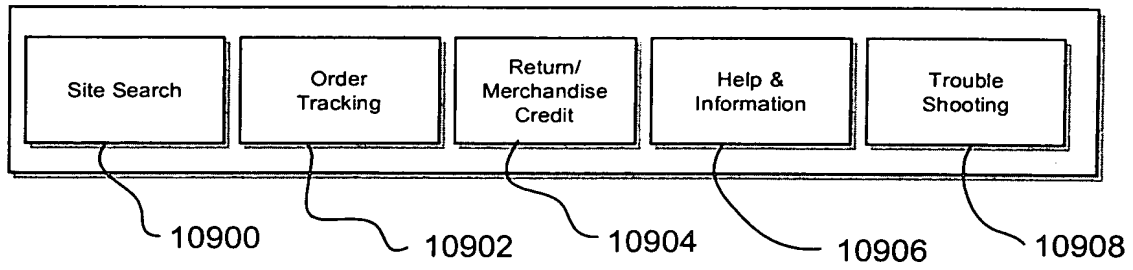


Figure 109

9414

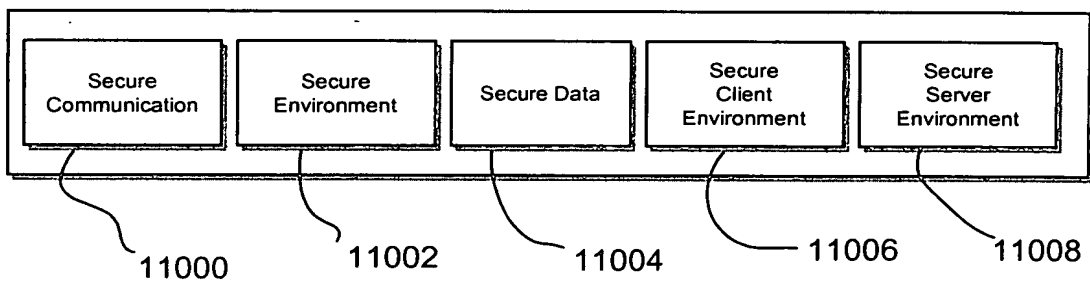


Figure 110

11100

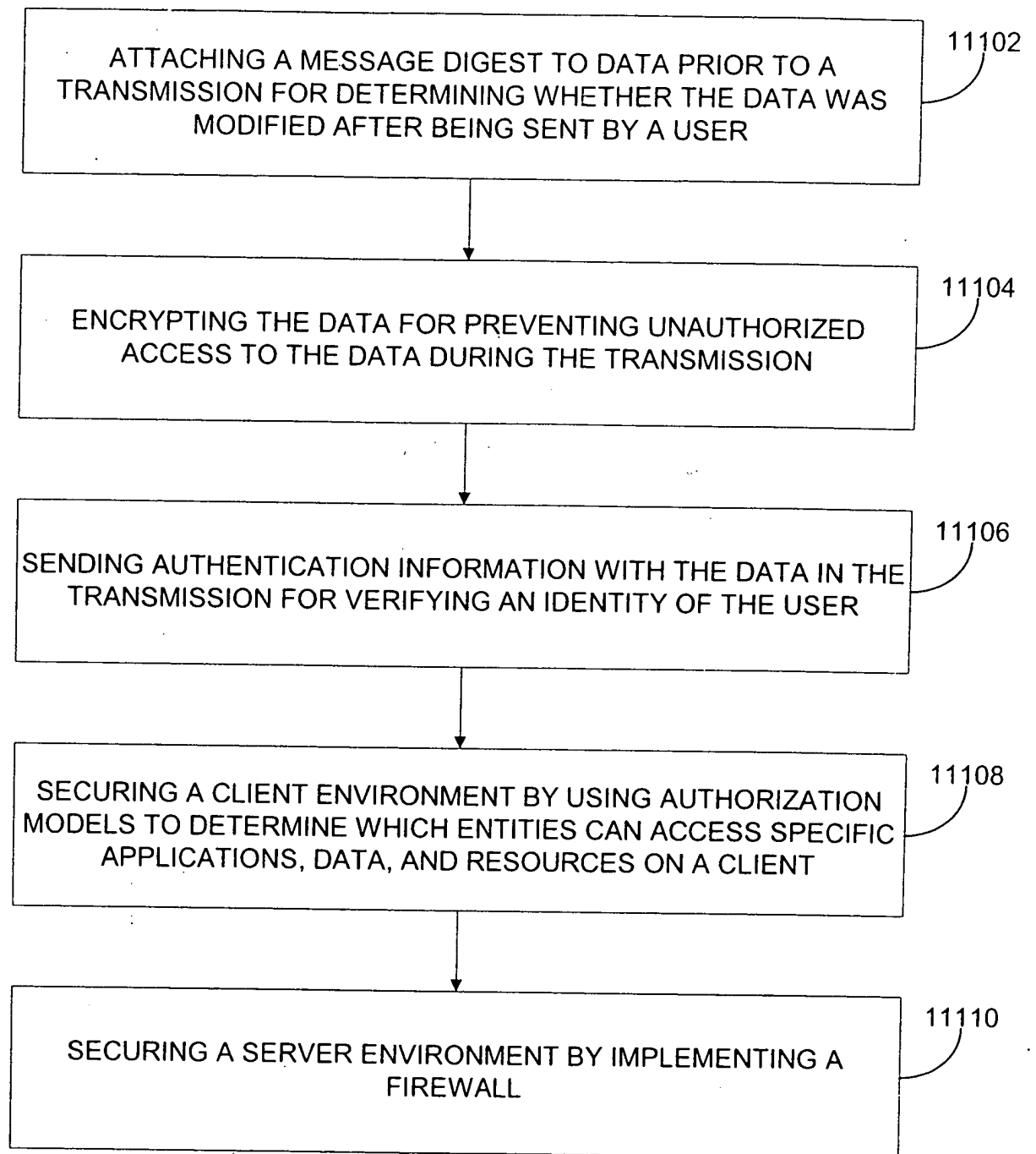


Figure 111